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Ontario

Ministry of
Natural
Resources

Statistics

1973



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STATISTICS, 1973

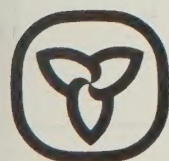
A

Selection of Statistics

Supplementary to

the Annual Report of the Minister

INFORMATION BRANCH



Ontario

Ministry of
Natural
Resources

HON. LEO BERNIER
Minister

W. O. MACNEE
Deputy Minister

[illegible]

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FOREWORD

This statistical record is based mainly on information published in Annual Reports of the Minister of Natural Resources and presented here in a more convenient form for ready reference.

The statistics on forest fires and Provincial Parks include preliminary reports on the 1972 season and are subject to correction in the Annual Report for the year ending March 31st, 1973.

Statistics, 1973 has been shortened by the removal of District breakdowns and Branch descriptions which were no longer meaningful following reorganization of the Ministry.

LANDS AND FORESTS REVENUE AND EXPENDITURES in years ended March 31st

CASH DISBURSEMENTS

CASH RECEIPTS

YEAR

Total General
Expenditure

Capital

Ordinary

Total

Fixed Assets

Ordinary

YEAR	Ordinary	Fixed Assets	Total	Ordinary	Capital	Total General Expenditure
1951	\$10,966,065.72	\$5,351,437.91	\$16,317,503.63	\$9,840,796.17	\$3,326,822.18	\$13,167,618.35
1952	14,604,915.18	3,222,682.07	17,827,597.25	10,681,717.01	2,196,671.93	12,878,388.94
1953	20,634,549.56	2,513,325.57 ^m	23,147,875.13	11,486,280.94	1,654,781.54 ^m	13,141,062.48
1954	18,156,762.00	1,810,672.96	19,967,434.96	12,608,258.47	800,000.00	13,408,258.47
1955	19,146,974.96	178,810.09	19,325,785.05	12,716,508.33	178,810.09	12,895,318.42
1956	19,823,049.47	328,056.86	20,151,106.33	17,148,523.65	128,297.23	17,276,820.88
1957	20,881,873.91	367,501.40	21,249,375.31	16,037,678.39	187,935.36	16,225,613.75
1958	22,189,712.48	490,717.96	22,680,430.44	18,733,582.62	280,550.13	19,014,132.75
1959	19,512,132.50 ^w	725,375.25	20,237,507.75	20,259,829.63	4,167,468.40 ^p	24,427,298.03
1960	18,627,418.14 ^w	807,860.60	19,435,278.74	23,029,901.12 ^p	991,022.60	24,020,923.72
1961	20,811,710.78	844,686.28	21,656,397.06	23,042,059.98	234,988.32	23,277,048.30
1962	21,361,244.94	644,158.52	22,005,403.46	26,606,120.51	1,413,973.51	28,020,094.02
1963	21,852,508.58 ^w	721,351.77	22,573,860.35	25,579,139.71	2,934,927.69	28,514,067.40
1964	22,584,169.47	640,056.82	23,224,226.29	27,815,028.66	3,557,125.18	31,372,153.84
1965	23,273,311.03	768,852.31	24,042,163.34	28,667,274.63	1,562,775.74	30,230,050.37
1966	25,513,416.20	822,938.60	26,336,354.80	28,528,699.63	3,893,760.12	32,422,459.75
1967	26,288,442.11	1,129,352.10	27,417,794.21	36,307,310.01	5,905,588.27	42,212,898.28
1968	28,755,043.88	1,225,300.22	29,980,344.10	42,807,111.26	8,006,754.94	50,813,866.20
1969	32,291,088.76	1,488,316.16	33,779,404.92	48,375,964.51	10,343,575.11	58,719,539.62
1970	37,550,206.83	1,968,479.08*	39,518,685.91	.....	.....	61,452,670.60**
1971	38,441,964.07	1,415,841.03	39,857,805.10	.....	.....	71,501,137.80
1972	31,759,228.26	464,037.52	32,223,265.78	.....	.....	92,486,312.17

Grants to Conservation Authorities in 1962, 1963 and 1964.

Water power revenue transferred to Treasury Department in 1959. p--Parks improvements. w--Cut back in woods operation. m--Mississagi project.

* Prior years designated as Capital Receipts.

** Expenditures designated as Ordinary and Capital in prior years.

TIMBER REVENUE in years ended March 31st

Year	Crown Dues	Ground Rent	Forest Protection Charges	Cash Deposits and Refunds	Misc.	Total
1947	\$6,175,444	\$125,061	\$461,164	\$164,784	\$17,651	\$6,944,104
1948	6,093,410	126,875	456,444	.....	178,302	6,855,031
1949	6,899,107	108,934	440,011	130,506*	14,744	7,332,290
1950	6,146,884	112,139	485,313	29,195	15,704	6,789,235
1951	5,269,279	116,642	1,007,662	53,743	13,777	6,461,103
1952	8,324,529	114,197	1,010,554	26,954	24,631	9,500,865
1953	13,718,339	123,366	1,175,776	77,859	22,361	15,117,701
1954	10,225,155	79,832	1,052,635	14,373*	23,211	11,396,460
1955	10,834,114	76,019	945,953	53,919	17,673	11,927,678
1956	11,667,003	76,234	971,517	18,024*	10,000	12,706,730
1957	12,332,778	80,786	1,091,659	34,762	16,583	13,556,568
1958	13,333,503	81,098	1,041,837	45,844*	20,414	14,431,008
1959	11,382,445 ^w	84,468	1,085,027	51,833*	19,893	12,520,000
1960	10,381,470 ^w	82,255	1,057,804	16,924	26,869	11,565,322
1961	11,983,088	80,488	1,035,464	38,664*	32,041	13,092,417
1962	12,202,240	83,074	1,085,269	21,102	14,660	13,406,345
1963	11,418,166 ^w	83,903	1,096,639	7,969*	26,661	12,617,400
1964	12,194,962	81,522	989,233	48,800	25,067	13,339,583
1965	12,442,384	88,569	1,155,344	16,177	29,239	13,729,713
1966	13,770,045	83,865	1,083,416	64,461*	20,715	14,893,580
1967	13,273,094	85,950	1,123,840	38,958	44,628	14,566,470
1968	15,006,187	118,105	1,519,165	22,730*	94,084	16,714,811
1969	14,704,603	239,304	3,125,169	20,422	100,289	18,189,787
1970	17,501,304	169,426	2,213,672	18,268*	105,368	19,971,502
1971	18,325,410	218,007	2,309,940	6,565	371,238	21,231,160
1972	12,600,145	135,390	1,795,274	8,646*	822,026**	15,344,189**

*Refunds in excess of deposits.

^w - Cut back in woods operations.

PROVINCIAL PARKS REVENUE in years ended March 31st

Year	Vehicle Permits	Campsite Permits	Concessions Rentals	Federal Assistance	Misc.	Total
1957	\$	\$ 45,613	\$	\$	\$13,008	\$ 58,621
1958	148,488	78,462	.....	.....	17,383	244,333
1959	207,751	124,137	.....	222,287	27,181	581,356
1960	292,459	206,148	44,775	.....	25,556	568,938
1961	382,887	331,481	60,868	195,129	25,208	995,573
1962	438,632	447,535	58,831	.....	45,313	990,311
1963	507,657	537,997	71,646	218,916	34,347	1,370,563
1964	554,098	599,440	84,125	.....	17,305	1,254,968
1965	591,748	626,034	95,487	.....	21,945	1,335,214
1966	901,300	863,704	95,082	.....	24,849	1,884,935
1967	1,024,315	935,513	105,670	.....	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	.....	95,986	2,413,613
1970	609,390	1,937,078	131,033	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	104,467	43,006	3,538,133

FISH AND WILDLIFE REVENUE in years ended March 31st.

Year	Non-Res. Angling Licences	Res. P. P. Angling Licences	Res. Angling Licences	Other Fishing Licences	Commercial Fishing Licences	Royalty Fish	Non-Res. Hunting Licences	Res. Bear Licences	Res. Deer Licences	Res. Moose Licences
1948	\$1,156,904	.....	.....	.....	\$102,301	\$ 8,404	\$ 453,790	.....	\$205,827	\$11,878
1949	1,335,358	\$14,840	.....	\$ 303	108,083	8,514	468,705	.....	237,707	16,787
1950	1,432,230	12,664	.....	5,287	106,251	9,093	364,922	.....	242,208	352
1951	1,614,125	13,960	.....	9,690	112,423	9,265	401,490	.....	264,881	.....
1952	1,848,666	12,685	.....	7,395	124,197	11,058	340,255	.....	279,945	14,000
1953	1,930,756	10,295	.....	8,905	125,194	14,857	156,913	.....	348,664	33,487
1954	2,074,178	11,896	.....	12,573	99,815	13,039	447,366	.....	355,911	52,464
1955	2,188,435	16,233	.....	23,269	107,442	9,353	453,644	.....	364,082	73,460
1956	2,262,680	16,655	.....	26,164	96,797	9,983	513,088	.....	405,201	90,040
1957	2,276,855	18,206	.....	28,181	102,234	15,032	545,979	.....	400,272	134,210
1958	2,411,133	20,844	.....	22,967	87,810	17,857	563,004	.....	415,920	173,650
1959	2,313,643	23,782	.....	21,134	89,122	6,605	588,852	.....	459,439	214,664
1960	2,366,465	33,147	.....	21,433	89,212	1,615	698,968	.....	468,833	245,033
1961	2,404,545	31,066	.....	18,322	90,592	1,253	797,213	.....	493,361	280,274
1962	2,492,627	34,585	.....	18,698	90,160	2,693	936,819	\$ 21	420,727	358,695
1963	2,575,611	32,960	.....	18,144	93,612	2,705	1,041,490	1,536	478,444	363,095
1964	2,651,793	33,426	.....	18,976	94,207	2,541	1,125,019	1,782	457,361	393,296
1965	2,656,575	39,227	.....	23,007	97,735	1,783	1,278,264	2,083	493,979	366,693
1966	2,808,858	38,258	.....	23,292	99,982	975	1,478,195	2,917	533,179	422,535
1967	2,932,274	38,859	.....	28,020	108,092	724	1,859,144	4,066	546,667	436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	\$151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679

*Resident Angling Licence discontinued January 1st, 1971.
 **Refund of Prior Years Licence Fees.

FISH AND WILDLIFE REVENUE in years ended March 31st.

Year	Res. Ground Hog		Res. Hunting (Gun)		Dog Licences		Trappers' Licences		Fur Dealers' Licences		Royalty Game		Hunter Examination Fees		Provincial Park Hunting Licences		Misc.	Total
	Licences		Licences		Licences		Licences		Licences									
1948	\$ 6,618	\$ 139,983	\$ 13,764	\$ 54,139	\$ 31,889	\$ 152,376					\$ 82,788						\$ 82,788	\$2,420,661
1949	9,401	150,977	15,923	62,746	30,674	265,425					88,433						88,433	2,813,876
1950	10,800	167,216	16,212	56,390	27,787	237,037					86,069						86,069	2,774,518
1951	10,583	173,087	17,120	64,078	27,305	257,619					90,125						90,125	3,065,751
1952	10,115	195,767	17,116	58,851	24,872	282,812					92,211						92,211	3,319,945
1953	13,052	218,336	18,595	58,896	23,111	339,708					109,146						109,146	3,409,915
1954	13,136	218,887	19,511	54,252	18,833	298,753					110,121						110,121	3,800,735
1955	21,175	234,296	21,766	53,374	19,413	289,846					113,468						113,468	3,989,256
1956	21,018	250,758	23,544	56,545	17,094	260,507					104,640						104,640	4,154,714
1957	23,845	244,431	23,492	49,595	14,345	223,357					106,093						106,093	4,205,827
1958	25,199	267,922	23,664	43,915	12,847	233,885					113,914						113,914	4,434,531
1959	28,867	292,713	24,224	38,330	3,979	229,946					104,524						104,524	4,439,824
1960	29,305	294,128	25,033	41,090	3,844	210,911					93,190						93,190	4,622,207
1961	29,152	298,594	24,516	37,274	3,300	242,210					96,438						96,438	4,848,110
1962	27,097	295,014	22,574	31,621	3,521	212,461					107,203						107,203	5,054,516
1963	28,199	301,142	22,187	33,031	3,488	222,234					106,918						106,918	5,324,796
1964	33,351	321,180	24,811	37,009	3,844	290,563					91,923						91,923	5,598,080
1965	32,347	309,060	24,269	34,744	3,586	252,380					92,477						92,477	5,729,078
1966	36,919	328,177	25,732	32,911	3,326	197,077					95,792						95,792	6,153,301
1967	39,443	331,256	25,934	31,641	2,950	223,867					109,254						109,254	6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622					131,521*						131,521*	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626					53,078						53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364					53,452						53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154					313,168**						313,168**	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567					147,698						147,698	9,496,326

*Fines included in Miscellaneous Revenue to Year Ended March 31st, 1968, now reported by Department of Justice.

**Includes federal share of loans to commercial fishermen.

LANDS AND SURVEYS REVENUE

in years ended March 31st

Year	Crown Land Sales	Crown Land †Rentals	Parks †Rentals	Misc.	Total
1942	\$41,961	\$76,881	\$18,656	\$41,189	\$178,687
1943	69,162	65,982	14,904	27,169	177,217
1944	118,745	107,518	19,592	41,192	287,047
1945	155,219	89,485	18,170	32,709	295,583
1946	193,061	90,989	20,240	34,427	338,717
1947	261,866	98,893	22,237	49,171	432,296
1948	215,152	108,676	52,909	17,702	394,439
1949	215,885	115,492	36,355	42,135	409,867
1950	217,642	114,021	29,745	39,349	400,757
1951	188,444	121,585	31,186	40,890	383,105
1952	186,225	120,369	32,021	48,036	386,651
1953	197,368	140,248	33,108	23,442	394,166
1954	184,428	165,643	39,460	20,768	410,299
1955	212,985	178,749	42,822	21,910	456,556
1956	295,057	199,834	42,612	54,182	591,685
1957	309,314	235,571	64,800	7,987	617,672
1958	358,427	264,852	51,066	12,364	686,709
1959	551,088	280,860	62,128	15,814	909,890
1960	607,538	298,706	43,190	20,001	969,435
1961	609,698	334,474	39,566	21,123	1,004,861
1962	644,159	377,988	36,449	26,416	1,085,012
1963	627,054	375,111	35,318	25,391	1,062,874
1964	577,472	466,650	34,402	16,523	1,095,047
1965	512,998	458,235	33,604	19,413	1,024,250
1966	495,852	324,548	32,041	198,039	1,050,480
1967	732,281	346,762	34,265	356,877	1,470,185
1968	778,884	399,445	30,987	309,784	1,519,100
1969	1,113,794	384,822	30,781	422,869	1,952,266
1970	1,279,054	447,174	36,915	626,471	2,389,614
1971	1,088,147	464,483	27,109	680,627	2,260,366
1972	218,412	571,925	23,734	222,786	1,036,857

† Leases and Licences of Occupation

CASH RECEIPTS

In years ended March 31st

Year	Provincial Land Tax	Map Sales Casual Fees	Flying Fees	Fire Costs Recovered	*Nursery Tree Sales
1942	\$ 146,802	\$ 3,462	\$10,902	\$40,183	\$ 5,834
1943	146,014	3,192	6,946	28,670	8,453
1944	158,745	2,925	19,448	22,916	26,138
1945	175,342	4,913	12,417	26,850	10,559
1946	209,459	9,048	25,284	30,943	19,386
1947	204,475	11,071	15,258	46,402	25,373
1948	185,470	13,825	8,376	53,230	25,562
1949	217,521	17,225	6,373	48,331	1,685
1950	242,292	18,778	10,734	70,707	153
1951	322,661	19,092	13,407	38,975	60
1952	367,696	21,774	16,710	55,473	.....
1953	393,236	22,723	11,720	30,140	128,220
1954	562,723	23,546	16,361	46,269	157,892
1955	644,961	30,660	16,724	46,487	216,247
1956	687,296	39,579	15,267	98,385	174,279
1957	776,789	59,634	12,793	96,065	160,244
1958	810,466	62,225	13,393	76,875	146,173
1959	1,114,638	84,024	20,826	103,224	160,131
1960	1,133,879	87,941	32,236	94,637	160,362
1961	1,162,185	84,097	22,657	62,166	122,408
1962	1,172,530	109,227	21,980	53,823	111,660
1963	1,672,928	106,760	24,532	59,718	103,849
1964	1,404,036	128,948	36,402	102,406	113,627
1965	1,440,259	142,129	24,355	111,656	127,414
1966	1,528,775	121,514	26,664	72,007	143,283
1967	1,772,838	136,660	31,878	81,667	106,888
1968	1,761,796	136,921	38,715	124,489	129,525
1969	1,754,617	169,603	44,572	84,249	159,354
1970	2,033,837	157,161	67,983	87,512	189,535
1971	1,932,379	175,600	65,321	54,589	180,679
1972	2,013,687	181,952	74,185	112,198	196,725

* The Forestry Act, 1952, provided for the sale of trees to private landowners.

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS	STUDENTS GRADUATED		HUNTING ACCIDENTS		
	at December 31	Yearly	To Date	Non Fatal	Fatal	Total
1957	369	281	281	...	..	...
1958	1,433	1,668	1,949	...	..	...
1959	2,690	2,780	4,729	...	..	...
1960	4,160	10,917	15,646	118	36	154
1961	3,784	15,267	30,913	104	22	126
1962	3,527	15,082	45,995	109	17	126
1963	3,050	20,387	66,382	103	15	118
1964	3,200	18,652	85,034	103	14	117
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968	904	9,645	147,947	86	10	96
1969	1,142	12,957	160,904	116	13	129
1970	1,137	13,075	173,979	70	8	78
1971	1,162	15,601	189,580	68	14	82
1972	1,373	18,235	207,815	70	5	75**

*Mandatory for new hunters since September 1st, 1960.

**Complete details of accidents in Ontario Hunting Casualty Report 1972.

ILLUSTRATED PUBLIC LECTURES in years ending March 31st.

YEAR	MEETINGS			ATTENDANCE				Average Attendance
	School	Public	OFA*	Total	School	Public	OFA*	
1946-55	7,748	9,177	3,995	20,920	756,384	797,858	580,714	2,134,956
1956	1,076	1,402	703	3,181	90,540	107,746	56,394	254,680
1957	1,261	1,710	674	3,645	93,672	127,174	68,758	289,604
1958	972	1,708	538	3,218	67,013	97,334	68,832	233,179
1959	831	2,196	409	3,436	68,146	124,703	40,430	233,279
1960	1,094	2,715	484	4,293	92,794	158,682	61,056	312,532
1961	1,026	3,198	401	4,625	80,015	187,686	48,756	316,457
1962	808	2,533	406	3,747	63,957	164,119	58,442	286,518
1963	771	2,266	374	3,411	60,788	165,017	46,860	272,665
1964	877	2,095	398	3,370	72,773	159,968	42,267	275,008
1965	949	2,165	220	3,334	91,184	145,965	15,915	253,064
1966	1,091	1,694	297	3,082	100,555	120,492	19,721	240,768
1967	786	1,790	1,069	3,645	81,389	128,113	29,965	239,467
1968	892	1,380	836	3,108	96,371	113,423	29,254	239,048
1969	855	1,308	987	3,150	89,970	137,069	21,175	248,214
1970	776	1,382	885	3,043	64,528	115,779	23,337	203,644
1971	757	1,143	910	2,810	80,304	69,852	26,958	177,114
Total:	22,570	39,862	13,586	76,018	2,050,383	2,920,980	1,238,834	6,210,197
								82

*Lectures given by Ontario Forestry Association.

LEGAL SERVICES BRANCH

The Department has maintained a solicitor on its staff for many years but it was not until the re-organization of 1941 that the Division of Law was established. Discontinued in 1950 and re-established on March 1st, 1955, the Division was re-organized as Law Section on December 3rd, 1957, becoming Law Branch on December 1st, 1959 and Legal Services Branch on April 1, 1971.

G.H. Ferguson was appointed Supervisor on December 1st, 1957, and Chief, Law Branch, on July 28, 1966 and Director, Legal Services Branch on April 1, 1971.

The Patents Office was transferred to Law Branch from Lands and Surveys Branch on October 1st, 1961.

On April 1, 1972 when the new Ministry of Natural Resources was established Legal Services Branch was continued as a branch of the Finance and Administration Division of the ministry.

It is the function of Legal Services Branch to act in an advisory capacity to the Minister and his deputies on the legal aspects of matters affecting the administration of the Ministry. It provides legal counsel for, and performs the legal work of the Ministry. As part of this legal work, the Patents Office engrosses letters patent, leases and licences of occupation, maintains records, and provides information to the public.

Grouped according to Divisions, the Acts administered by the Ministry are as follows.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (Sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus the Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT. This Act provides for the establishment of a geographic names board for Ontario having the duty to gather information respecting names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-63 confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham,

Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: - (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale, lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the systems of surveys and the rules for surveyors. The Minister orders surveys made on his own volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE WATER POWERS REGULATION ACT imposes a duty on the owner of a water power to ensure its economical and efficient use by him; it provides for inspectors with power to order alterations, repairs or improvements in the works. (This power is rarely, if ever used.) It provides for water power leases granted to H. E. P. C. and other water power developers. This Act was repealed by The Water Powers Regulation Repeal Act, 1972, which came into effect on April 27, 1972.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-63, establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: - (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' lands.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exportation (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides, that with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers. Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of fauna and flora of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources: game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: - open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act; they relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOANS ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF AND BEAR BOUNTY ACT prescribes bounties. (Payment of bear bounties ended on July 27, 1961). This Act was repealed by The Wolf and Bear Bounty Repeal Act, 1972, effective December 15, 1972.

THE WOLF DAMAGE TO LIVE STOCK COMPENSATION ACT, 1972 provides for payment of compensation to the owners of live stock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set by regulations under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management. Park Superintendents, District Foresters, Forest Rangers and Conservation Officers have the authority of a member of the O.P.P. in a provincial park. Ad-

visory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environmental park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for buildings and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.50 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT. Its purpose is to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act. Under this Act, which was passed on March 26, 1959, 39 areas are set apart by the regulations.

THE HISTORICAL PARKS ACT, 1972 provides for the establishment of historical parks on public lands in which there is an object site or land of historical interest.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire districts set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire district) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, any industrial operation, clearing, etc., in or within 1000 feet of a forest or woodland. Areas may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into

agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT, 1969 provides for the control of outbreaks of forest tree insects and diseases on private lands. This Act came into force on April 1, 1969.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with; - the construction, repair and use of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

DIVISION OF MINES

THE MINING ACT provides for: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for and the production of minerals and oil and natural gas; the staking and recording of mining claims; the rights of licencees and lessees under the Act. The Act provides for the appointment of a Mining Commissioner by the Lieutenant Governor in Council with jurisdiction to hear disputes arising under the Act. The Act also contains provision for the regulation of mining operations conducted within Ontario. An acreage tax is levied under this Act.

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licencees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE PITS AND QUARRIES CONTROL ACT, 1971 provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971 sets forth licencing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972 imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

THE CANADA COMPANY'S LAND ACT, 1922 empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

THE PARKS ASSISTANCE ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972 established as of the 1st day of April, 1972, the new Ministry of Natural Resources which includes the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of acts on which the departments previously depended for administrative authority.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966 established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE ONTARIO ENERGY BOARD ACT provides for the appointment of a tribunal by the Lieutenant Governor in Council which is responsible for regulating natural gas rates and various aspects of gas distribution, transmission and storage. The Board has authority under the Act to authorize the expropriation of pipe line rights-of-way when easements cannot be negotiated.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain.

The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. One Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the outflow of:-

(a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;

(b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.

(c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and

(d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943 ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952 confirms the partial diversion of the Seine River and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-63 provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-62 vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-61 and the public lands in the Geographic Townships of Burton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

FEDERAL-PROVINCIAL CO-OPERATIVE AGREEMENTS

1. LAC SEUL WATER DIVERSION - February 28th, 1928

The Province constructed a water dam at the outlet of Lac Seul. Total Cost: \$ 833,919.19.

Under the agreement:

- (1) Three-fifths of cost contributed by Canada, \$ 500,351.52.
- (2) Two-fifths of cost contributed by Ontario, \$ 333,567.67.
- (3) Canada assumes the total cost of maintenance and operation.
- (4) Canada pays to Ontario 5% on Ontario's capital contribution. As water power is developed (79.37% as of January 1, 1959) this payment is reduced by such percentage.

As water power is developed, Ontario pays Canada the percentage mentioned in item (4) of two-fifths of the cost of maintenance and operation.

NOTE: Ontario recovers the reduction in interest and the proportion of maintenance and operation costs chargeable by Canada from the H.E.P.C. under existing Water Power Agreements.

2. LAKE OF THE WOODS STORAGE - November 15th, 1922

An agreement establishing a basis for the regulation of the Winnipeg and English Rivers was signed on November 15th, 1922, by Canada, Ontario and Manitoba. The agreement provided for the establishment of a reservoir on Lake of the Woods, the cost of which was to be apportioned to the three governments as follows:

- (1) Canada - 33.3333333 per cent - for navigation.
- (2) Ontario - 11.4871785 per cent - for power head.
- (3) Manitoba - 55.1794882 per cent - for power head.

Ontario was to pay its apportioned share of the cost of storage when the power site at White Dog Falls was completed. The Ontario Hydro-Electric Power Commission completed a generating station at White Dog Falls in 1958 and has paid \$183,961. 19, Ontario's share of the cost of storage.

Ontario is also responsible for 11.4871785 per cent of the operating costs at Lake of the Woods storage and Ontario will recover these costs from the Hydro-Electric Power Commission under the water power lease agreement for White Dog Falls.

3. **USE OF BECKWITH ISLAND FOR GROUSE RESEARCH.** October, 7th, 1949

Permission by letter of Federal Department of Mines and Resources (Indian Affairs Branch) on October 7th, 1949, to use Beckwith Island for grouse research purposes by the Division of Research.

4. **FOREST RESEARCH**

By an exchange of letters of the Deputy Minister of Lands and Forests dated May 7, 1968 and the Deputy Minister of Forestry dated May 24, 1968, it was agreed that the forestry research projects of the departments would be co-ordinated through the planning of a committee to be known as the Canada-Ontario Joint Forestry Research Committee whose terms of reference are to co-ordinate the planning of the forestry research programmes of the Ontario Regional Establishment of the federal department and the Research Branch of the provincial department by reviewing the needs of forest management in Ontario and by recommending appropriate research programmes to be undertaken by the two research organizations and to co-ordinate the execution of forest research programmes of the two organizations by reviewing the progress of approved programmes and by facilitating their conduct. Each Deputy Minister will appoint up to four members. The committee should elect a chairman and establish its rules of procedure and establish a two-member executive, one from each department, to expedite action on the recommendations of the joint committee. The committee also has authority to establish an advisory committee with representatives from the forest industry, universities and other appropriate agencies.

An agreement dated January 9, 1970 between Canada (Minister of Fisheries and Forestry) and Ontario (Ministers of Lands and Forests and Public Works), replaced and superceded the existing agreement on forest research dated January 31, 1963. Ontario agreed to lease to Canada the Forest Insect Laboratory at Sault Ste. Marie for a further term of five years from April 1, 1970 and it was agreed that any equipment in the Laboratory of Forest Pathology at Maple not removed by Canada prior to October 31st, 1968 become the property of Ontario.

5. **WEATHER OBSERVATION SERVICES- Pickle Lake.** Agreement between Canada (Department of Transport) and Ontario (Department of Lands and Forests) dated 26th November, 1953, amended by agreements dated 28th October, 1960, and 12th July, 1967.

Ontario provides weather reporting services at Pickle Lake Station in the Territorial District of Kenora (Patricia Portion) for which Canada pays to Ontario \$145 a month subject to deductions for non-reporting of weather observations.

6. ROAD ACROSS CONSTANCE LAKE INDIAN RESERVE NO. 92

By an exchange of letters between the Assistant Deputy Minister of Indian and Eskimo Affairs dated December 14, 1970 and the Deputy Minister of Lands and Forests dated February 22, 1971, the Department was given permission to use a road right-of-way through Constance Lake Indian Reserve No. 92 for a term of ten years from November 2, 1970 provided that the Department of Lands and Forests maintains the road in summer and winter, maintains and repairs the bridge on the village road, constructs and maintains a road drainage ditch through the village and keeps two designated turning areas for school buses free of snow.

7. RESOURCE MANAGEMENT AGREEMENT. By an agreement dated January 24th, 1962, between the Minister of Citizenship and Immigration and the Minister of Lands and Forests, Canada co-operates in the management of the renewable natural resources in the Bruce Peninsula and the administrative districts north and west of the south boundary of Parry Sound and Pembroke, for a ten-year period commencing April 1st, 1962. Ontario undertakes the administration of programmes under the agreement and is to spend \$200,000 annually. Canada pays annually \$50,000 for administrative expenses and 50% of other expenses provided Canada's total payment shall not exceed \$100,000.

Programmes which may be undertaken under the agreement include: (1) Commercial fishing; (2) Fishing and hunting for domestic use; (3) Sports fishing and hunting, including instruction of guides and outfitters and public hunting on Indian Reserves on a fee basis; (4) Wild rice, blueberries and other wild crops; (5) Forestry, forest protection and training; and (6) Processing and marketing of products, including fur.

Programmes and budgets are recommended by an Advisory Committee of three from Ontario, and two from Canada. Canada may appoint a liaison officer. The committee may make recommendations in respect of special projects on Crown or Indian Reserves lands suitable for development as wetlands, or for forestry or multiple use, or for the establishment of processing or market facilities which may be dealt with under separate agreement. Processing projects will be undertaken only after refusal of private industry.

Principle of previous use and occupation in allocation of trapping, commercial fishing and wild crop harvesting will apply. Licences for commercial harvesting of resources will be issued only to primary producers who participate in harvesting. Indians are to obtain commercial licences. Preference to be given to Indians in hiring employees for projects.

A two year extension of this agreement has been approved.

8. AGREEMENT UNDER THE FORESTRY ACT (Ontario)

By an agreement dated August 16, 1961, between the Minister of Lands and Forests and The National Capital Commission, the Commission leased the lands described in Schedule "A" of the agreement, being part of the Commission's land acquired under the National Capital Act (Canada) 1958 in the vicinity of

Ottawa, for a period of 50 years from April 1, 1961. Additional Lands may be added to the agreement from time to time by a lease in the form appended to the agreement for a term ending March 31, 2011.

The Minister agreed to manage the lands for forestry purposes. Fences, buildings, structures and other improvements must have prior approval of the Commission. With approval of the Commission and at the sole expense of the Minister, areas may be established for public recreation. Areas may be withdrawn on payment of expenses, less revenues, without interest. Revenues, from lands are received by the Minister and on termination or expiry of the expenses less the revenues, without interest. If there is an excess, it shall be paid of the Commission without interest. The agreement is to be reviewed following April 1, 1963 and every second year thereafter.

9. GREAT LAKES FISHERIES RESEARCH

By an exchange of letters between the Minister of Fisheries dated October 23rd, 1967 and the Minister of Lands and Forests dated November 7th, 1967, Canada (Department of Fisheries) and Ontario (Department of Lands and Forests) agreed to amend the existing areas of responsibility for fisheries research in the Great Lakes as follows:

Canada will assume the responsibility for:

1. Lamprey research and control programmes in the Great Lakes.
2. Such studies in Ontario waters as may be recommended by the Federal-Provincial Committee for Ontario Fisheries, subject to availability of personnel and funds.
3. A general research programme on eutrophication.
4. Technological research related to the development of new products and of new techniques for handling, packaging, preparing, and storing freshwater fisheries products.
5. Economic studies of Ontario fisheries upon request by provincial authorities, subject to the limitations of staff and budget.
6. The administration of federal fish inspection legislation within the Province and assist the provincial authorities in the administration of provincial fish inspection regulations.

Ontario will assume responsibility for:

1. General fisheries research in support of its fisheries management responsibilities in all Ontario waters.
2. Co-operation with the federal programme on eutrophication by making small lakes available for experimental work if mutually satisfactory arrangements can be made. The research required to provide solutions to local eutrophication problems in specific waters will remain the responsibility of Ontario.
3. Gathering, summarizing and analyzing sport and commercial fisheries statistics.

4. Fish culture programmes in the province (professional and technical officers of the Federal Government competent in this field will be made available for consultation or assistance upon request).

Canada agreed to co-operate with Ontario on a cost-sharing basis in projects proposed by Ontario in developments of the industrial fishery such as exploratory fishing, gear and boat development, fish farming, handling, processing and distribution or marketing of fisheries products; on the basis that priorities are considered by the Industrial Development Subcommittee and funds are available.

By an agreement dated February 25, 1970 between the Minister of Lands and Forests (Ontario) and the Minister of Fisheries and Forestry (Canada), Ontario agreed to construct a sea lamprey control and fish management structure on the Saugeen River near the Town of Southampton in the County of Bruce. The structure is to be operated by Ontario and the cost of construction was shared equally by Canada and Ontario.

By an agreement dated June 1, 1970 between the Minister of Transport (Canada) and the Minister of Lands and Forests (Ontario), Canada granted to Ontario permission to occupy and use certain lands and harbour facilities at Port Dover, Ontario for a period of five years from January 1, 1970 as a site for a Fisheries Research Unit.

10. AGREEMENT UNDER THE STATISTICS ACT, 1962-63

By an agreement dated March 3rd, 1964, between Canada (Minister of Trade and Commerce) and Ontario (Minister of Lands and Forests and Minister of Economics and Development), Canada, Lands and Forests and Economics and Development agreed to co-operate in the collection and exchange of statistical information related to the appropriate annual census forms sent to establishments engaged in producing or using forest products.

11. PREVENTION AND CONTROL OF FIRES ON INDIAN RESERVES

An agreement dated the 24th day of June, 1968 between Ontario as represented by the Minister of Lands and Forests and Canada as represented by the Minister of Indian Affairs and Northern Development, Ontario will continue to provide the same prevention and detection services to Indian reserves as are provided to adjacent public lands. Canada shall pay to Ontario on or before May 1st in each year 4¢ for each protected acre. This agreement is subject to five-year reviews.

12. RE-CONSTRUCTION OF CRAB LAKE DAM

By an agreement dated October 15, 1968, between Canada as represented by the Minister of Transport and Ontario as represented by the Minister of Lands and Forests, Canada was given a right to re-construct or re-build the dam on Crab Lake in Sherborne Township to an elevation of eleven feet six inches above the sill of the old dam, i.e., ten feet above the sill of the new dam. Canada has the right to regulate the dam and Ontario agreed to indemnify Canada against claims arising out of the raising of the waters to not more than ten feet above the sill of the new dam.

13. FRESHWATER FISHERIES

By an agreement dated August 11, 1969 between Canada as represented by the Minister of Fisheries and Forestry and Ontario as represented by the Minister of Lands and Forests, Ontario agreed to grant authority to the Freshwater Fish Marketing Corporation to exercise powers of regulation in relation to the marketing of commercial fish taken in the part of Ontario designated in regulations made under The Freshwater Fish Marketing Act (Ontario), 1968-69. Ontario agreed to pay not more than \$5000 in respect of the initial operating and establishment expenses of the corporation. Ontario also agreed to pay Canada 5% of any losses incurred by Canada from guarantees given by Canada to banks of fishermen's loans and from loans made directly by Canada. Ontario also undertook to make arrangements to pay the owner of any plant or equipment in the designated area used in storing, processing or otherwise preparing fish for market, compensation for any such plant or equipment that will or may be rendered redundant by reason of any operations authorized to be carried out by the corporation.

14. OWNERSHIP OF THE BED OF THE WELLAND RIVER IN THE VILLAGE OF PORT ROBINSON

By an exchange of letters between the Deputy Minister of Lands and Forests and the President of the St. Lawrence Seaway Authority, dated January 14 and February 4, 1970, respectively, it was agreed that the portions of the bed of the Welland River being Parcel 2 on Plan M8 and Parcel 48 on Plan M10 in the Land Titles Office for the County of Welland are owned by the authority and Lot 51 on Plan M7 in the Land Titles Office is owned by the province. It was further agreed to exchange the bed of the diversion of the river for the bed of the diverted portion of the river upon the completion of the diversion.

15. ADMINISTRATION AND CONTROL OF A PORTION OF THE BED OF THE WELLAND RIVER

By an agreement dated July 15, 1969 between Canada as represented by the Minister of Transport and Ontario as represented by the Minister of Lands and Forests, Canada and Ontario agreed that Ontario has the administration and control of certain lands comprising a portion of the bed of the Welland River in the townships of Crowland, Thorold and Willoughby and the City of Niagara Falls in the County of Welland.

16. PAYMENTS TO COMMERCIAL FISHERMEN OR PROCESSORS

By an agreement dated July 26, 1971 between Canada (Minister of Fisheries) and Ontario (Minister of Lands and Forests), Canada and Ontario agreed to establish a cost-sharing program to maintain commercial fish operations on certain lakes during 1971. Canada was to administer the program and make cash payments to fishermen or processors for fish rejected because of unacceptable levels of mercury contamination. Total payments under the program, to be shared equally by Canada and Ontario, were not to exceed \$100,000.

17. CONSERVATION AUTHORITIES

By an agreement dated the 28th day of January, 1961 the Government of Canada, represented by the Minister of Northern Affairs and National Resources and the Government of Ontario, represented by the Minister of Planning and Development, entered into a cost sharing agreement with respect to the construction

of dams, reservoirs and channel improvements in the Upper Thames River Basin. Under the agreement Canada was to bear 37.5 percent of the cost of the program. By an agreement dated January 28, 1961 between Ontario and the Upper Thames River Conservation Authority, Ontario also agreed to bear 37.5 percent of the cost of the program. The program was to be completed within 10 years.

By an agreement dated March 29, 1971 the Government of Canada, represented by the Minister of Fisheries and Forestry and the Government of Ontario, represented by the Minister of Energy and Resources Management, agreed to extend the time for completion of the program and to allow Canada to recover from Ontario an amount paid in excess of that payable by Canada under the principal agreement.

18. CONSERVATION AUTHORITIES

By an agreement dated June 14, 1961 the Government of Canada, represented by the Minister of Northern Affairs and National Resources, and the Government of Ontario, represented by the Minister of Commerce and Development, entered into a cost sharing agreement with respect to the construction of dams, reservoirs and channel improvements in the Metropolitan Toronto region. Under the agreement Canada agreed to bear 37.5 percent of the cost of the program. By an agreement dated June 14, 1961 between Ontario and the Metropolitan Toronto and Region Conservation Authority, Ontario also agreed to bear 37.5 percent of the cost of the program. The program was to be completed within 10 years.

By an agreement dated March 29, 1971 Canada, represented by the Minister of Fisheries and Forestry, and Ontario, represented by the Minister of Energy and Resources Management, agreed to extend the time for completion of the program and to allow Canada to recover from Ontario an amount paid in excess of that payable by Canada under the principal agreement.

NUMBER OF EMPLOYEES

in years ending March 31st

STAFF TURNOVER

Discontinued From
Reg & Prob Staff

Year	Reg- ular	Probat- ionary	Mon- thly	*Cas- ual	Total	**Age	Misc.	Total
1943	304	218	..	339	861	..	..	..
1944	310	268	..	397	975	..	..	..
1945	324	305	..	929	1,558	..	..	..
1946	373	318	..	573	1,264	..	..	..
1947	523	562	..	527	1,612	..	..	..
1949	1,167	196	..	562	1,925	..	..	..
1950	1,352	157	..	580	2,089	..	..	..
1951	1,420	141	..	701	2,262	28	99	127
1952	1,441	181	..	790	2,412	17	122	139
1953	1,518	158	..	680	2,356	19	96	115
1954	1,546	175	..	633	2,354	34	95	129
1955	1,618	142	..	727	2,487	23	94	117
1956	1,611	180	..	655	2,446	36	135	171
1957	1,583	175	..	929	2,687	31	137	168
1958	1,685	134	..	3,209	5,028	26	69	95
1959	1,759	113	..	2,750	4,622	34	58	92
1960	1,946	90	..	1,224	3,260	44	73	117
1961	2,096	121	320	1,734	4,271	38	55	93
1962	2,348	189	44	1,059	3,640	44	79	123
1963	2,368	181	40	701	3,290	58	97	155
1964	2,337	207	36	650	3,230	72	111	183
1965	2,309	193	24	625	3,151	49	244	293
1966	2,281	225	..	985	3,491	39	142	181
1967	2,270	297	..	777	3,344	35	157	192
1968	2,304	490	..	966	3,760	75	136	211
1969	2,486	485	..	904	3,875	72	183	255
1970	2,762	310	..	877	3,949	79	224	303
1971	2,819	408	..	1,506	4,733	70	155	225
1972	2,970	354	..	1,363	4,687	48	173	211

*Groups I and II. Does not include
extra fire fighters.

**Retirements, superannuations and deaths.

SUMMARY OF CLASSIFICATIONS

Permanent and Probationary Staff as of April 1, 1972.

GROUPS	Head Office*	Field	Total
Agricultural Technicians.....	..	3	3
Air Engineers.....	32	11	43
Biologists.....	26	67	93
Bookbinders.....	2	..	2
Cartographers.....	7	..	7
Clerks.....	207	245	452
Commercial Artists.....	..	..	..
Communications Technicians...	9	15	24
Construction Superintendents.	11	..	11
Cooks and Food Service.....	8	3	11
Designers.....	2	..	2
Draughtsmen.....	47	5	52
Drivers.....	11	6	17
Economists.....	6	..	6
Engineers.....	11	..	11
Equipment Operators.....	21	..	21
Executive Officers.....	13	1	14
Financial Officers.....	33	21	54
Foresters.....	63	138	201
Highway Equipment Operators..	7	28	35
Inspector of Surveys.....	5	2	7
Instructors.....	2	..	2
Laboratory Technicians.....	8	1	9
Legal Officers.....	5	..	5
Library Staff.....	3	..	3
Maintenance Staff.....	60	63	123
Management Services Officers.	15	..	15
Manual Workers.....	5	5	10
Mechanics.....	6	55	61
Parks and Land Use Planners..	14	..	14
Personnel Administrators.....	15	..	15
Photogrammetrist.....	1	..	1
Photographers.....	4	..	4
Pilots.....	22	20	42
Plant Superintendents.....	3	..	3
Program Analysts.....	2	..	2
Public Relations Officers....	11	1	12

*Head Office includes Research Branch, Maple and Air Service Section, Sault Ste. Marie.

SUMMARY OF CLASSIFICATIONS (Continued)

Permanent and Probationary staff as of April 1, 1972.

GROUPS	Head Office*	Field	Total
Chasing Officers.....	5	1	6
Radio Operators.....	3	14	17
Research Scientists.....	18	22	40
Research Supervisors.....	2	2	4
Source Technicians.....	34	1,418	1,452
Safety Instruction Officers..	2	13	15
Training Supervisors.....	20	..	20
Senior Management Personnel..	15	24	39
Plant Engineers.....	5	..	5
Technicians.....	2	..	2
Photographic Staff.....	159	150	309
Technician Data Control.....	1	..	1
Technician Equip. Res. & Dev.	5	..	5
Technician Photographic.....	7	..	7
Technician Survey.....	13	..	13
Senior Level Control Staff....	..	2	2
Total.....	988	2,336	3,324
Executive Directors.....	4		
Regional Directors.....	3		
Branch Directors.....	15		
Director Ontario Forest			
Technical School.....	1		
District Foresters.....	21		

Class

	1	..	34	34
	2	6	357	363
	3	6	499	505
RESOURCE				
TECHNICIANS	Sr. 1	6	330	336
	Sr. 2	5	111	116
	Sr. 3	3	65	68
	Sr. 4	8	22	30

ON STAFF		NUMBER OF PROFESSIONAL EMPLOYEES with University degrees in years ending March 31st					
Licensed Scalers	Ranger School Grads	Year	Fore- sters	Biolo- gists	Civil Engrs	Others	Total
...	...	1943	56	..	..	19	75
...	...	1944	45	..	..	13	58
...	...	1945	54	..	..	29	83
...	...	1946	55	..	..	14	69
...	...	1947	...	..	..	..	...
...	...	1949	85	18	2	10	115
...	...	1950	123	20	4	10	157
343	237	1951	147	25	3	12	187
356	257	1952	158	26	5	16	205
381	293	1953	166	33	5	16	220
391	331	1954	172	36	6	23	237
392	379	1955	174	39	5	26	244
404	425	1956	139	34	6	27	206
429	461	1957	182	34	6	27	249
459	504	1958	181	40	6	24	251
495	533	1959	193	41	10	22	266
578	575	1960	189	43	10	25	267
710	639	1961	218	53	10	24	305
725	703	1962	231	68	7	40	346
733	733	1963	233	66	7	44	350
770	741	1964	220	70	7	33	330
787	768	1965	226	69	7	27	329
815	925	1966	222	72	7	27	328
835	1,217	1967	235	80	5	55	375
888	1,013	1968	249	88	5	46	388
942	1,088	1969	225	83	15	52	375
942	1,088	1970	210	85	15	96	406
962	1,103	1971	257	88	11	50	406
976	1,129	1972	273	93	11	90	467

TOTAL NUMBER OF EMPLOYEES ON STAFF BY MONTHS, 1971-72

1971	HEAD OFFICE				FIELD				Grand Total
	Reg.	Prob.	Unclass.	Total	Reg.	Prob.	Unclass.	Total	
April	687	102	101	890	2,162	267	2,216	4,645	5,535
May	673	108	194	975	2,198	244	5,096	7,538	8,513
June	675	111	223	1,009	2,207	241	4,910	7,358	8,367
July	674	110	232	1,016	2,208	250	5,038	7,496	8,512
August	679	102	234	1,015	2,243	244	5,080	7,567	8,582
September	682	101	167	950	2,259	244	3,822	6,325	7,275
October	681	100	63	844	2,265	240	2,718	5,223	6,067
November	683	94	87	864	2,287	235	1,805	4,327	5,191
December	674	100	99	873	2,310	230	1,536	4,076	4,949
972									
January	680	94	105	879	2,321	234	1,349	3,904	4,783
February	655	97	106	858	2,321	248	1,605	4,174	5,032
March	634	94	98	826	2,324	247	1,265	3,836	4,662
Average	673	101	142	916	2,259	243	3,037	5,539	6,455

DISTRIBUTION OF JUNIOR RANGERS (Summer Months)

DISTRICT	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Chapleau.....	36	69	88	112	124	134	123	129	156	155	171	160	160
Cochrane.....	25	36	33	57	67	69	90	89	92	80	83	96	96
Fort Frances.....	12	12	24	49	42	45	65	69	70	64	76	72	72
Geraldton.....	46	60	55	94	113	115	116	116	110	111	119	120	120
Gogama.....	37	47	35	56	67	65	86	92	...	...	...	...	...
Kapuskasing.....	36	36	39	62	72	69	65	69	68	64	70	112	112
Kemptville.....	...	...	...	...	...	...	...	...	...	...	...	12	24
Kenora.....	13	12	13	39	45	47	89	85	89	87	108	114	114
Lake Huron.....	...	...	...	...	...	...	24	23	24	22	23	24	24
Lake Simcoe.....	...	...	...	...	...	...	...	...	...	24	25	24	24
North Bay.....	26	36	34	73	113	121	113	115	111	113	120	120	120
Parry Sound.....	36	46	55	93	137	139	136	134	141	132	147	144	144
Pembroke.....	24	33	37	71	70	70	69	70	70	69	74	72	72
Sault Ste. Marie..	24	25	36	132	137	135	130	138	140	137	123	144	144
Sioux Lookout.....	67	64	65	119	136	141	136	135	119	114	84	88	88
Sudbury.....	13	...	23	47	49	54	76	74	81	84	217	216	216
Swastika.....	49	48	57	113	138	140	137	139	210	205	146	144	144
Thunder Bay.....	24	48	40	98	116	113	114	110	112	136	163	204	192
Tweed.....	...	...	...	...	...	...	...	...	...	39	47	48	48
White River.....	35	47	47	85	93	94	89	88	113	108	115	120	120
TOTAL	503	619	681	1,300	1,519	1,551	1,658	1,675	1,706	1,744	1,911	2,034	2,034

The Junior Ranger Program was initiated in 1944 with a total of 21 boys attending camps in North Bay and Parry Sound Districts.

HISTORIC FIRES

1855 - Fires burned eastward to Lake Temiskaming, up the Monteith River to its source and westward along the height of land to Michipicoten on Lake Superior.

1864 - Fires burned from Thessalon to Lake Nipissing.

1871 - Fires burned over 2,000 square miles along the French River and Lake Nipissing, up the Sturgeon River, west to the Spanish and Mississagi head waters and down the Mississagi River for 50 miles.

1901 - Fires burned over more than 3,000 square miles south and west from Lake Kesagami.

BAUDETTE-RAINY RIVER, 1910 - Hurricane winds swept four fires (one caused by settlers and three by locomotives) over 300 square miles; 42 persons were killed.

PORCUPINE, 1911 - This fire burned over 864 square miles, taking 73 lives and causing \$3,000,000 property damage.

MATHESON, 1916 - The death toll was 223 as more than 1,000 square miles burned; property damage: \$2,000,000.

HAILEYBURY, 1922 - Over 2,000 square miles were burned over: 44 lives were lost; property damage was \$6,000,000.

GARDEN LAKE, 1930 - A camp fire, fanned by a gale, burned 70 miles in 36 hours in a strip from two to four miles wide.

FORT FRANCES, 1938 - Approximately 300 small clearing fires, fanned by high winds, joined to make four large fires which destroyed 93,000 acres and killed 20 persons.

GOGAMA, 1941 - A merger of three fires (believed to be incendiary in origin) burned over 330,000 acres.

MISSISSAGI, 1948 - An unguarded road clearing fire (near Chapleau) and fire deep in the bush (believed started by a trapper) burned over 645,450 acres. Prompt action salvaged 312,649,422 board feet of lumber (estimated mill scale) and 123,099 cords of pulpwood.

SIOUX LOOKOUT, 1961 - Following a three-year drought, lightning storms and high winds caused fires between Lake Nipigon and Manitoba. In four weeks beginning June 15, 12 fires burned over 1,125,000 acres in areas accessible only by aircraft.

ESTIMATED FIRE DAMAGE

Year	TIMBER DAMAGE (000's Cu. Ft.)			TIMBER DAMAGE (Crown Dues, Only)			DAMAGE TO REPRODUCTION			TOTAL DAMAGE	PRIVATE PROPERTY DAMAGE
	Crown	Private	Total	Crown	Private	Total	Crown	Private	Total		
1951	29,401	188	29,590	\$294,015	\$1,880	\$295,895	\$92,431	\$1,121	\$93,552	\$389,447	\$56,389
1952	1,401	577	1,978	14,013	5,769	19,782	9,169	553	9,722	29,504	31,347
1953	27,934	1,688	29,622	279,340	16,880	296,220	87,811	9,843	97,654	393,874	81,778
1954	24,825	84	24,909	248,249	838	249,087	156,362	793	157,154	406,241	15,650
1955	267,186	587	267,773	2,671,857	5,870	2,677,727	900,331	13,622	913,953	3,591,680	184,940
1956	155,305	74	155,378	2,868,133	2,118	2,870,251	195,491	2,411	197,901	3,068,152	22,319
1957	20,107	1,014	21,121	406,376	21,876	428,252	23,086	11,722	34,808	463,059	113,751
1958	8,721	2,465	11,186	173,377	49,309	222,685	53,576	35,242	88,818	311,503	97,036
1959	680	42	722	13,882	826	14,709	2,579	4,752	7,332	22,041	20,757
1960	21,293	123	21,416	425,860	2,470	428,330	8,357	1,427	9,764	438,094	56,442
1961	1,595,447	750	1,596,196	31,908,935	14,993	31,923,928	62,187	3,687	65,874	31,989,802	152,638
1962	2,440	83	2,523	48,794	1,669	50,462	10,740	13,546	24,285	74,748	99,165
1963	14,907	194	15,101	.....	.....	484,334	.....	.....	222,555	706,888	39,932
1964	10,052	279	10,330	.....	.....	351,130	.....	.....	149,166	500,296	19,792
1965	.....	.....	2,158	.....	.....	235,325	.....	.....	151,525	386,850	254,105
1966	891	15	906	34,221	561	34,782	.....	.....	36,739	71,521	49,457
1967	.....	...	19,400	.....	...	658,269	.....	.....	608,072	1,353,919	87,638
1968	.....	...	273	.....	...	9,124	.....	.....	40,848	4,174	54,146
1969	.....	...	2,535	.....	...	101,107	.....	.....	29,026	134,756	4,623
1970	.....	...	.....	.....	...	.....	.....	.....	.....	1,323,041	28,815
1971	.....	...	.....	.....	...	.....	.....	.....	.....	462,064	75,875

FOREST FIRE SUMMARY

Year	NUMBER OF ACRES BURNED OVER			Number Of Fires	Acres Per Fire
	Crown	Private	Total		
1917	.....	.....	384,164	1,110	346
1918	.....	.....	30,172	965	31
1919	.....	.....	922,161	1,780	518
1920	.....	.....	358,851	1,287	279
1921	.....	.....	749,534	1,269	591
1922	.....	.....	346,193	1,021	339
1923	.....	.....	2,120,148	1,343	1,579
1924	.....	.....	146,017	851	171
1925	.....	.....	189,543	1,149	165
1926	65,888	22,486	88,374	1,110	80
1927	22,772	12,970	35,742	924	39
1928	96,436	3,947	100,383	536	187
1929	608,750	16,893	625,643	1,550	404
1930	357,531	354,278	711,809	1,402	508
1931	105,866	32,421	138,287	1,851	75
1932	626,555	52,466	679,021	2,073	328
1933	325,034	24,924	349,958	1,919	182
1934	160,348	38,285	198,633	1,568	127
1935	183,179	67,483	250,662	1,309	191
1936	1,153,876	110,557	1,264,433	2,264	558
1937	201,887	22,859	224,746	1,453	155
1938	96,168	42,077	138,245	1,292	107
1939	26,089	3,009	29,098	961	30
1940	100,990	20,624	121,614	1,014	120
1941	271,793	394,754	666,547	1,265	527
1942	77,709	36,007	113,716	1,224	93
1943	33,465	19,352	52,817	624	85
1944	73,228	95,663	168,891	1,137	149
1945	17,997	30,513	48,510	966	50
1946	44,656	32,113	76,769	1,739	44
1947	38,093	45,939	84,032	1,393	60
1948	854,778	162,611	1,017,389	2,036	500
1949	40,593	19,472	60,065	1,834	33
1950	13,203	23,577	36,780	985	37
1951	96,662	4,581	101,243	904	112
1952	7,264	5,157	12,421	1,095	11
1953	44,519	14,290	58,809	1,520	39
1954	36,115	18,578	54,693	881	62
1955	370,948	25,475	396,423	2,252	176
1956	221,822	4,390	226,212	1,017	222
1957	24,250	22,401	46,651	1,671	28
1958	25,544	11,108	36,652	1,558	24
1959	2,580	2,701	5,281	1,029	5
1960	29,190	2,196	31,386	956	33
1961	1,180,900	3,828	1,184,728	1,305	908
1962	7,583	6,221	13,804	1,521	9
1963	40,692	15,446	56,138	1,885	30
1964	22,463	5,661	28,124	1,829	15
1965	14,995	4,909	19,904	1,218	16

FOREST FIRE SUMMARY (Continued)

Year	NUMBER OF ACRES BURNED OVER			Number	Acres
	Crown	Private	Total	Of Fires	Per Fire
1966	8,453	5,962	14,415	1,921	8
1967	58,733	4,769	63,502	1,465	43
1968	2,665	6,796	9,461	1,219	8
1969	4,481	1,653	6,134	901	7
1970	.....	.....	56,121	1,231	46
1971	.....	.....	36,199	1,782	20
1972*	.....	.....	78,742	1,604	49

1972 SUMMARY *

FOREST DISTRICT	Total Acres	Number Of Fires	Acres Per Fire
Chapleau.....	407	20	20
Cochrane.....	906	57	16
Fort Frances.....	4,279	75	57
Geraldton.....	27,494	166	166
Kapuskasing.....	195	40	5
Kemptville.....	3	8	...
Kenora.....	610	173	4
Lake Erie.....	...	...	...
Lake Huron.....	7	5	1
Lake Simcoe.....	6	14	...
Lindsay.....	68	41	2
North Bay.....	340	76	5
Parry Sound.....	582	72	8
Pembroke.....	187	52	4
Sault Ste. Marie.....	110	42	3
Sioux Lookout.....	9,573	217	44
Sudbury.....	3,744	239	16
Swastika.....	5,590	70	80
Thunder Bay.....	24,330	127	192
Tweed.....	218	70	3
White River.....	93	40	2
Totals.....	78,742	1,604	49

MONTHS

March.....	...	...	...
April.....	210	57	4
May.....	35,429	727	49
June.....	35,986	301	120
July.....	6,686	366	18
August.....	99	99	1
September.....	327	43	8
October.....	5	11	...
November.....	...	...	...

*Preliminary figures.

CAUSES OF FOREST FIRES

GENERAL CAUSES	1968	1969	1970*	1971	1972*
Recreation.....	356	256	364	702	353
Resident.....	262	128	136	192	199
Incendiary.....	32	9	21	27	29
Railways.....	141	78	126	152	175
Industry (Forest).....	18	7	2	24	16
Industry (Other).....	44	21	19	49	35
Miscellaneous (Known).....	270	191	140	282	236
Unknown.....	17	9	19	23	31
Lightning.....	79	202	404	339	530
TOTAL, Fires.....	1,219	901	1,231	1,790	1,604

SOURCE OF IGNITION

CAUSE OF FOREST FIRE	1967	1968	1968	1970	1971
Smoking Material	442	325	212	250	405
Camp Fire.....	219	117	139	164	357
Matches.....	120	127	65	78	140
Fireworks.....	31	25	18	10	30
Explosives.....	2	1	1	..	..
Fusee.....	13	2	8	6	10
Prescribed Burning....	9	..	1	2	..
Dump Live Ashes, Coals	3	8	3	2	4
Burning Grass.....	47	76	32	39	50
Burning Brush.....	26	42	23	19	34
Burning Rubbish.....	56	70	31	42	33
Burning Garbage Dump..	31	49	24	15	41
Burning Bulld'zd Pile.	5	7	1	..	3
Burning Sawdust Pile..	3	..	..	1	3
Burning Ties.....	8	..	1	..	4
Burning Right of Way..	5	15	6	7	21
Locomotive, Diesel....	61	33	21	50	27
Locomotive, Steam.....	1	..	..	..	..
Brake Shoe.....	59	72	34	45	90
Hot Box.....	1	3	..	2	..
Power Saw.....	5	1	3	1	3
Mechanical Equipment..	11	12	7	8	17
Power Line (Short)....	10	26	13	19	24
Sparks from Chimney...	11	6	1	2	5
Sparks from Burner....	5	3	1	3	2
Structural Fire.....	16	29	14	19	27
Miscellaneous (Known).....	20	27	13	8	24
Unknown.....	47	64	27	44	97
Lightning.....	198	79	202	403	339
TOTAL, Fires.....	1,465	1,219	901	1,239	1,790

*Preliminary figures.

CAUSES OF FOREST FIRES

RESPONSIBLE GROUPS	1967	1968	1969	1970	1971
RECREATION					
Fisherman.....	205	120	118	113	284
Hunter.....	47	17	15	12	35
Canoeist.....	5	8	10	13	38
Camper.....	49	30	30	37	87
Picnicker.....	14	9	10	15	20
Berry Picker.....	82	21	23	85	55
TRAVELLER					
Car Passenger.....	117	124	79	61	95
Hiker.....	40	29	27	27	74
Train Passenger.....	1	2	1	3	3
Guided Party.....	2	..	..	1	..
RESIDENT					
Farmer.....	24	50	14	11	29
Rural Resident.....	115	129	53	81	65
Urban Resident.....	24	12	8	4	15
Private Cottager.....	39	46	33	23	40
Resort Owner.....	4	9	..	4	3
Indian (on Reserve)..	11	14	7	7	14
VOCATION					
Trapper.....	2	5	4	..	1
Prospector.....	3	2	1	..	2
Timber Cruiser.....	..	..	..	..	..
Land Survey Party....	1	..	1	..	1
Military.....	..	1	1	..	1
EMPLOYEE OF:-					
Woods Industry.....	14	18	5	4	18
Mining.....	1	6	2	1	4
Pipeline.....	..	..	..	..	17
Hydro.....	4	6	5	11	10
Telephone.....	..	1	..	..	..
Highway or Road.....	5	8	4	4	2
R.R. Section Crew....	15	16	6	6	15
R.R. Train Crew.....	131	115	63	103	125
R.R. Work Crew.....	12	5	5	8	5
Other Industry.....	15	11	4	7	10
Natural Resources....	1	1	2	3	6
Other Prov. Govt.....	..	..	..	..	..
Federal Government...	..	1	1	..	..
Municipality.....	7	5	2	1	1
MISCELLANEOUS					
Children.....	156	164	85	99	202
Youth Groups.....	8	10	3	1	4
Miscellaneous (Known)	28	49	34	30	72
Unknown.....	85	96	43	61	98
TOTAL, Man-Caused Fires	1,267	1,140	699	836	1,451
Percentage of All Fires	87	94	78	67	81

DETECTION OF FOREST FIRES

MEANS OF DETECTION	1967	1968	1969	1970	1971
Towers.....	356	275	200	210	284
Ministry Aircraft.....	161	53	96	195	308
TOTAL Organized.....	517	328	296	405	592
Percent-Organized Detection.....	35	27	33	25	33
Public.....	866	866	579	711	1,098
Other Aircraft.....	82	25	36	123	100
TOTAL Random.....	948	891	615	834	1,198
Percent-Random Detection.....	65	73	67	75	67

SIZES OF FOREST FIRES

AREA BURNED OVER	1967	1968	1969	1970	1971
Up to 1/4.....Acres	630	481	474	645	894
Over 1/4 to 10.....Acres	712	602	383	508	755
Over 10 to 100.....Acres	99	118	36	61	108
Over 100 to 500.....Acres	16	17	6	11	17
Over 500.....Acres	8	1	2	14	16
TOTAL, Fires.....	1,465	1,219	901	1,239	1,790

PROSECUTIONS

	1967	1968	1969	1970	1971
Prosecutions.....	31	41	34	18	63
Convictions.....	27	36	29	16	55

Air Service Summary --		HOURS FLOWN										in years ending March 31st		
YEAR	Fire Ranging	Timber	Fish and Wildlife	Surveys	Lands	Parks	*Research	Inter-Dept.	Photo	Mercy Flights	Miscellaneous	TOTAL		
1924-1949	88,732	4,182	2,985	...	...	...	1,030	...	1,415	361	75,674	174,378:35		
1950	6,925	605	1,645	...	110	...	...	278	...	...	3,968	13,530:45		
1951	4,210	938	2,029	...	283	...	303	232	...	64	2,998	11,057:10		
1952	5,498	903	2,086	...	153	...	360	188	273	168	3,171	12,800:20		
1953	5,278	674	1,980	97	149	...	266	150	280	56	2,959	11,888:50		
1954	6,302	982	1,972	124	376	...	386	574	186	53	2,609	12,564:10		
1955	5,095	1,048	2,362	181	246	...	284	398	244	34	2,497	12,388:30		
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10		
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20		
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20		
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35		
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00		
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30		
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45		
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45		
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00		
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15		
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00		
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40		
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10		
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05		
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05		
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55		
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05		
Total:201,440	27,835	75,270	663	7,636	6,725	7,127	13,355	2,700	1,458	144,492	488,701:00			

* Research includes Entomology

AIR SERVICE SUMMARY

in years ending March 31st

YEAR	Mercy Flights	Passengers Carried	Flight Crew	Effective Loads Carried	
				Tons	Pounds
1924- 1949	..	165,583	89,206	27,233	1,067
1950	..	30,687	5,918	3,982	76
1951	..	27,140	5,140	3,366	1,111
1952	..	30,439	5,410	3,663	1,616
1953	..	25,900	5,346	3,078	1,262
1954	..	31,109	7,245	3,918	605
1955	..	29,256	5,465	3,428	1,641
1956	17	46,478	6,723	6,091	893
1957	22	28,789	5,099	3,481	708
1958	28	28,636	5,349	3,497	914
1959	22	27,506	5,197	4,871	211
1960	20	27,600	4,926	4,198	227
1961	21	29,069	4,833	4,638	975
1962	21	32,749	5,221	8,121	84
1963	16	27,750	4,819	5,657	230
1964	13	33,742	5,545	7,512	132
1965	17	30,235	4,842	5,434	394
1966	15	28,409	4,983	4,998	507
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
Total	365	882,944	271,647	158,644	365

Hours Flown by **HELICOPTERS** (Leased and Contract)
in years ending March 31st.

YEAR	Fire Ranging	Timber	Fish and Wildlife	Miscel- laneous	TOTAL
1962	2,125	109	94	239	2,566:45
1963	1,307	194	180	369	2,050:25
1964	1,604	187	77	232	2,099:35
1965	1,423	32	30	424	1,098:50
1966	937	142	136	193	1,408:50
1967	1,643	102	154	295	2,193:40
1968	1,205	163	261	485	2,114:30
1969	620	343	289	650	1,902:15
1970	920	340	460	602	2,322:40
1971	1,106	333	798	978	3,214:30
1972	1,510	175	472	343	2,500:30

Hours Flown by **COMMERCIAL AIRCRAFT** (Leased)
in years ending March 31st.

1967	1,565	22	200	127	1,913.40
1968	3,331	50	430	162	3,973:10
1969	1,251	51	151	129	1,582:15
1970	1,899	126	310	257	2,592:30
1971	3,934	99	571	521	5,124:31

LANDS ACQUIRED

In year ending March 31, 1972

Use Category	Acres	Cost
Provincial Parks.....	6,967	\$7,657,102
Access Points.....	22	103,828
General Recreation.....	3,579	110,779
Wilderness Areas.....	531	19,110
Wildlife Management.....	4,568	864,198
Timber.....	2,045	71,011
TOTAL:.....	17,712	\$8,826,028

ACRES ACQUIRED in years ending March 31st

Use Category	1968	1969	1970	1971
Provincial Parks.....	9,142.10	5,421.86	3,633	3,317
Access Points....	1,135.36	348.62	350	444
General Recreation	8,829.26	5,007.50	1,318	656
Wilderness Areas.....	356.96	136.00	21	656
Wildlife Management	3,327.77	6,556.70	3,091	4,620
Timber Management	32,631.50	194,495.73	83,240	4,316
District Improvements	154.00	1,481.46	3	...
Totals ...	55,576.95	213,447.87	91,656	14,009

LAND ACQUIRED BY CROWN

Acreage in years ending March 31st

(Provincial Parks not included)

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased or Otherwise Acquired	Total
1961	9,997	19,166	2,055	31,218
1962	16,459	11,090	1,672	29,221
1963	16,187	14,062	7,500	31,749
1964	9,399	2,139	10,500	22,038
1965	2,174	7,969	12,081	22,224
1966	5,484	1,989	8,285	15,758
1967	8,402	1,840	12,601	22,843
1968	8,344	470	46,435	55,249
1969	2,411	996	208,026	211,433
1970	3,272	128	88,923	91,423
1971	1,515	14	10,692	12,221
1972	1,519	428	10,745	12,692

FREE GRANT LAND in years ending March 31st

Year	Locations		Cancellations		Assignments		Patents	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1946	49	5,737	545	61,459	120	14,214	216	26,068
1947	73	8,243	449	51,906	122	15,523	168	21,668
1948	67	8,649	403	48,578	64	8,415	164	22,119
1949	49	5,872	280	30,536	54	7,085	107	14,360
1950	48	6,192	336	40,732	62	7,200	196	24,287
1951	28	3,608	289	35,371	56	7,747	150	19,826
1952	27	3,411	159	19,785	37	5,060	165	21,411
1953	36	4,655	181	21,874	25	3,452	120	16,131
1954	24	2,757	250	30,784	19	2,618	136	17,713
1955	17	1,823	209	25,755	7	1,005	87	11,219
1956	20	2,708	114	12,661	4	517	59	7,501
1957	8	878	78	8,727	1	151	47	6,089
1958	6	796	60	6,950	1	156	48	6,483
1959	4	462	43	4,689	1	160	36	4,658
1960	4	386	48	4,597	1	50	44	5,911
1961	..	.....	89	9,799	2	156	29	3,701
1962	..	.....	51	5,033	..	.....	25	2,670
1963	..	.....	74	7,979	..	.....	30	3,939
1964	..	.....	12	1,222	1	100	18	2,385
1965	..	.....	23	2,721	..	.....	11	1,319
1966	..	.....	24	2,756	..	.....	12	1,307
1967	..	.....	2	186	..	.....	7	732
1968	..	.....	..	.....	..	.....	..	.....
1969	..	.....	3	268	1	68	2	168
1970	..	.....	..	.....	..	.....	3	177
1971	..	.....	..	.....	..	.....	1	100
1972	..	.....	..	.....	..	.....	..	.....

AGRICULTURAL LAND in years ending March 31st

Year	Sales		Cancellations		Assignments		Patents		Quit No.	Claim No.	Deeds Acres
	No.	Acres	No.	Acres	No.	Acres	No.	Acres			
1946	281	26,535	438	42,933	162	17,464	321	36,683	...	...	...
1947	303	29,757	338	29,470	222	22,801	433	52,189	...	...	...
1948	280	29,506	402	37,069	185	21,667	299	32,929	...	...	...
1949	277	28,740	378	35,095	105	12,392	225	26,435	...	...	...
1950	267	26,671	327	32,452	113	12,145	316	35,483	...	...	...
1951	195	19,228	221	22,134	69	7,673	256	28,104	...	...	...
1952	223	24,420	143	13,358	71	7,313	242	26,474	...	...	...
1953	186	21,965	221	21,645	70	7,560	256	29,319	...	...	...
1954	144	14,534	131	13,049	50	4,484	256	29,123	...	...	...
1955	158	15,232	161	17,377	92	4,131	188	21,265	...	...	...
1956	117	12,230	184	18,513	26	3,008	148	17,892	...	...	...
1957	82	8,683	191	19,038	15	1,461	126	14,882	...	...	...
1958	101	10,543	174	17,087	7	807	150	15,471	...	...	...
1959	101	10,607	141	13,788	12	1,227	110	11,644	...	...	...
1960	68	6,578	59	5,788	3	211	105	10,980	...	...	...
1961	35	3,808	94	9,133	15	1,531	108	11,633	...	...	...
1962	10	1,102	58	5,892	4	330	94	10,267	...	...	...
1963	5	284	59	5,868	5	446	84	9,512	...	...	...
1964	6	549	9	810	1	80	88	8,783	...	...	...
1965	16	1,384	48	4,778	..	.....	62	6,468	...	...	...
1966	12	1,084	29	2,860	..	.....	42	4,362	...	...	...
1967	6	476	15	1,591	..	.....	28	2,510	...	...	...
1968	1	160	2	240	..	.....	24	2,480	...	...	...
1969	2	226	2	235	..	.....	19	2,144	...	...	...
1970	1	86	1	80	..	.....	8	902	...	...	...
1971	3	425	..	.....	..	.....	1	...	...	...	...
1972	1	425	..	.....	..	.....	...	...	...	...	...

YEAR	Sales		Cancellations		Assignments		Patents		Surveys	Crown No.	Leases Acres
	No.	Acres	No.	Acres	No.	Acres	No.	Acres			
1946	535	1,411	11	35	14	32	277	781	358	...	...
1947	666	1,841	6	6	37	186	496	1,764	388	...	...
1948	700	1,700	26	69	34	139	446	1,153	692	...	...
1949	1,010	2,336	45	218	40	107	756	1,984	1,199	...	...
1950	1,202	2,512	77	610	38	95	1,046	2,613	1,435	...	...
1951	1,360	2,484	62	112	50	94	1,125	2,294	1,737	...	...
1952	1,601	2,769	75	148	35	319	1,294	3,363	1,800	...	...
1953	1,290	2,278	73	183	40	127	1,263	2,287	1,458	...	...
1954	1,435	2,133	76	447	37	72	1,312	2,168	1,752	...	...
1955	1,278	1,871	84	166	28	42	1,479	2,438	1,670	...	...
1956	1,176	1,614	108	183	12	17	1,384	2,089	1,269	...	...
1957	714	958	61	124	17	17	1,164	1,411	1,207	...	...
1958	1,344	1,678	36	53	13	15	962	1,350	2,083	...	...
1959	2,155	2,517	27	28	19	23	1,220	1,588	2,660	...	...
1960	2,418	2,345	33	49	29	25	1,946	2,010	2,307	...	...
1961	1,557	1,543	58	72	25	25	1,840	1,929	2,935	...	...
1962	1,391	1,377	55	77	22	26	2,234	2,415	2,577	...	...
1963	1,131	1,068	25	29	11	8	1,418	1,494	1,374	...	...
1964	912	929	17	19	6	7	1,088	1,092	939	...	...
1965	881	824	32	33	3	8	977	981	726	...	...
1966	856	863	23	21	17	25	833	925	838	...	...
1967	1,142	1,109	17	15	30	27	827	821	897	...	...
1968	944	977	20	24	27	23	961	940	746	...	...
1969	1,379	1,392	25	27	25	27	1,117	1,080	1,018	...	...
1970	1,563	1,565	16	19	32	30	1,065	1,195	1,447	...	...
1971	1,539	1,459	12	14	44	121	1,519	1,461	.....	...	...
1972	179	241	9	11	11	10	1,457	1,506	.....	284	473

CITIES, TOWNS AND TOWNPLOTS in years ending March 31st

Year	No.	Sales Acres	Cancellations No. Acres	Assignments No. Acres	Patents No. Acres	Quit Claim Deeds No. Acres
1947	275	137.92	9	27	249	175.39
1948	...	...	..	..	...	...
1949	151	68.626	17	22	146	...
1950	97	102.906	10	11	182	66.634
						111.60195
1951	87	56.996	15	10	143	...
1952	91	252.47	7	10	90	94.3345
1953	111	64.7477	19	2	126	38.274
1954	89	28.604	8	7	99	68.950
1955	60	15.411	11	11	70	63.0438
						26.651
1956	91	44.690	14	7	85	...
1957	96	60.547	14	2	85	1,613.190
1958	76	15.693	10	4	69	70.632
1959	109	30.8821	6	4	101	323.050
1960	113	36.315	12	4	99	37.990
						75.994
1961	83	29.443	17	5	91	...
1962	104	39.910	20	..	105	12.909
1963	77	31.941	31	8	67	219.485
1964	64	34.650	4	1	45	...
1965	27	7.140	13	1	45	155.89
						1.34
1966	34	14.189	11	1	45	28.314
1967	27	10.275	5	1	23	2.305
1968	37	12.491	5	5	37	0.13
1969	71	64.638	3	1	59	0.69
1970	63	56.921	9	2	34	...
1971	31	97.983	1	..	40	0.50
1972	62	39.634	2	..	40	17.349
						16.015

LAND FOR SPECIAL USE in years ending March 31st

Year	No.	Sales Acres	Cancellations No. Acres	Assignments No. Acres	Patents No. Acres	Quit Claim Deeds No. Acres	Easements No. Acres
1947	211	14,293.96	..	..	145	13,272.99	..
1948	..	..	..	..	..	..	..
1949	199	20,541.913	5	110.00	187	13,132.423	..
1950	183	26,616.1662	5	206.59	187	55,461.188	..
1951	155	4,285.757	11	255.655	175	5,471.559	..
1952	149	5,367.3395	15	576.64	157	7,318.1075	..
1953	141	5,440.696	9	640.02	170	6,931.922	..
1954	145	4,220.913	12	418.984	154	6,168.493	..
1955	143	4,745.9465	12	614.26	163	4,989.0825	..
1956	129	7,451.9988	10	427.33	132	6,274.0393	..
1957	81	2,122.698	7	249.84	132	5,175.287	..
1958	148	4,533.12	12	545.20	152	5,620.207	..
1959	88	1,738.784	2	95.48	108	2,554.183	1
1960	157	3,201.033	4	228.25	162	10,254.213	5
1961	108	9,149.599	6	159.31	156	4,888.957	3
1962	122	2,587.402	5	82.114	158	4,090.992	40
1963	100	2,527.392	3	180.21	146	4,863.112	23
1964	75	1,529.052	4	83.03	140	6,624.6265	24
1965	86	622.792	8	432.33	128	16,667.445	22
1966	83	671.858	8	244.489	99	2,345.328	15
1967	128	1,462.543	3	47.01	149	3,916.502	13
1968	108	1,192.00	4	204.00	153	1,896.00	8
1969	125	3,283.274	4	466.39	144	3,803.024	10
1970	111	954.161	2	1.55	113	2,747.811	10
1971	104	1,658.862	..	..	161	3,908.937	10
1972	73	2,058.114	9	411.912	118	4,122.455	8

LICENCES OF OCCUPATION

LEASES

YEAR Ending March 31st	No. Issued	Acres	No. Cancelled	Acres	No. Issued	Acres	No. Cancelled	Acres
1947	86	...	219	...	151	...	22	...
1948	108	...	138	...	109	...	26	...
1949	87	...	125	...	92	...	44	...
1950	96	...	97	...	88	...	44	...
1951	81	...	114	...	88	...	37	...
1952	87	...	104	...	113	...	36	...
1953	66	...	60	...	88	...	29	...
1954	88	...	124	...	84	...	45	...
1955	59	...	48	...	11	...	60	...
1956	60	...	61	...	53	...	88	...
1957	84	...	81	...	60	...	71	...
1958	65	...	76	...	32	...	22	...
1959	75	...	58	...	26	...	26	...
1960	55	...	57	...	51	...	29	...
1961	68	...	64	...	37	...	20	...
1962	71	...	62	...	50	...	21	...
1963	47	...	79	...	51	...	31	...
1964	70	...	96	...	50	...	34	...
1965	32	...	66	...	127	...	111	...
1966	53	...	71	...	76	...	86	...
1967	65	1,458	90	2,891	80	401	97	1,214
1968	72	7,275	58	6,662	97	418	112	357
1969	61	3,575	62	8,609	81	351	94	415
1970	67	1,134	44	1,688	101	349	85	209
1971	50	3,383	64	363	25	236	22	176
1972	132	27,176	..	...	126*	2,991	..	..

* Includes 85 Park Leases.

LAND USE PERMITS in years ending March 31st

Year	Residence			Marsh Hay	Mill Site	Sugar Bush	Boat House	Misc.	Dept. Houses	Total No.	Total Acres
	Hunt Camp	Trappers Cabin	Garden								
1947	391	25	570	201	172	10	56	95	330	1,888	18,955
1948	464	47	489	233	197	2	80	307	377	2,211	.....
1949	543	33	446	129	170	2	77	370	501	2,583	22,458
1950	786	18	386	122	175	4	42	265	1,262	3,270	15,846
1951	796	32	261	66	231	6	79	599	1,617	3,891	19,035
1952	866	13	259	47	239	..	76	643	1,758	.....	.....
1953	957	...	299	34	187	1	69	400	1,671	3,809	16,031
1954	1,064	4	224	35	169	..	41	563	1,964	4,274	21,201
1955	1,220	29	246	34	180	9	102	683	2,046	4,559	18,128
1956	1,234	200	435	130	216	5	216	453	2,543	2,918	30,321
1957	1,248	328	459	84	215	5	237	537	2,613	3,059	29,669
1958	1,352	218	514	79	184	1	252	509	2,858	3,146	34,471
1959	1,190	279	514	89	214	3	368	365	3,121	3,053	36,742
1960	1,689	226	503	65	149	3	344	416	3,107	3,440	36,625
1961	1,875	201	328	48	188	7	255	548	3,181	3,472	29,899
1962	2,245	216	443	46	158	4	254	478	3,068	3,866	32,903
1963	2,163	241	441	49	152	4	265	572	3,210	3,904	37,078
1964	2,424	278	591	68	156	7	275	561	3,173	4,379	40,232
1965	2,395	296	349	47	163	12	415	713	3,146	4,436	35,438
1966	2,413	285	338	57	154	7	397	683	3,055	4,382	31,810
1967	2,516	325	353	52	157	8	393	696	2,737	4,555	29,036
1968	2,637	382	346	45	159	12	394	734	2,863	4,747	58,639
1969	2,696	466	448	42	146	12	384	682	2,603	4,930	53,023
1970	2,169	356	781	39	94	16	388	607	51	4,494	45,563
1971	3,353	657	1,423	47	168	23	519	944	9	7,227	76,087
1972	3,429	657	1,386	51	78	7	529	1,284	3	7,499	70,432

Variations are, for the most part, due to cancellations or issue of patents. Totals do not include department houses.

NEW POLICIES

Year	20, 20A*	Territorial Series	Electoral 33A	Misc.	Total	Provincial Topographical Series	National Topographical Series	Grand Total
1947	3,650	7,378	141	5,475	16,644	.....	10,535	27,179
1948	1,975	7,373	25	1,774	11,147	.....	11,215	22,362
1949	4,800	8,169	169	3,391	16,529	.....	15,241	31,770
1950	1,896	7,560	152	6,827	16,435	.....	17,013	33,448
1951	2,814	6,730	61	4,453	14,058	.....	21,435	35,493
1952	2,096	9,426	311	4,509	16,342	3,925	20,214	40,481
1953	1,990	8,156	207	5,271	15,624	2,242	30,310	45,934
1954	2,734	9,254	64	5,976	18,028	9,596	24,863	52,487
1955	3,045	12,137	250	9,832	25,264	14,223	34,060	73,547
1956	2,113	10,475	839	2,712	16,139	12,928	35,676	64,743
1957	2,212	11,687	190	13,845	27,934	16,036	33,977	77,947
1958	1,831	12,592	126	2,726	17,275	17,720	44,328	79,323
1959	2,435	9,071	259	11,310	23,075	21,458	47,329	91,862
1960	1,285	9,728	320	9,543	20,876	25,357	43,534	89,767
1961	1,333	6,906	142	8,435	16,816	26,111	36,993	79,920
1962	2,523	10,755	503	19,084	32,865	33,018	45,848	111,731
1963	1,194	11,215	193	9,517	22,119	21,842	47,712	91,673
1964	652	8,255	313	9,503	18,723	9,525	34,160	62,408
1965	651	9,152	257	6,651	16,711	7,060	35,210	58,981
1966	586	9,881	135	14,526	25,128	2,543	39,697	67,368
1967	664	8,654	4,849	13,033	27,200	6,157	40,854	74,211
1968	766	8,443	2,094	12,785	24,088	8,931	49,734	82,753
1969	503	7,826	718	7,140	16,187	19,147	54,479	89,813
1970	712	8,678	1,018	9,507	19,915	28,911	64,205	113,031
1971	644	9,284	1,919	9,925	21,772	30,706	72,199	124,677
1972	1,209	7,555	5,476	2,808	17,048	44,242	74,018	135,308

RETRACEMENT SURVEYS

In years ending March 31st

Year		MILES
1958	.....	70
1959	.....	50
1960	.....	118
1961	.....	170
1962	.....	325
1963	.....	290
1964	.....	235
1965	.....	321
1966	.....	385
1967	.....	313
1968	.....	280
1969	.....	270
1970	.....	265
1971	.....	300
1972	.....	335

INSTALLED CAPACITY IN HORSE-POWER

Of All Plants Under Crown Lease
In years ending March 31st

Year		H. P.
1958	.....	2,767,890
1959	.....	3,796,190
1960	.....	4,327,490
1961	.....	4,380,490
1962	.....	4,500,490
1963	.....	4,500,490
1964	.....	4,654,820
1965	.....	4,673,420
1966	.....	4,861,420
1967	.....	5,049,420
1968	.....	5,273,420
1969	.....	5,441,420
1970	.....	5,777,420

PUBLIC USE OF PROVINCIAL PARKS

Year	Camper-Days	Campers	Interior Campers	Vehicles	Total Visitors
1957	.....	116,000	.....	629,666	2,114,661
1958	.....	196,000	16,309	927,871	3,232,460
1959	.....	340,000	50,403	1,420,180	5,127,199
1960	.....	421,000	35,778	1,552,662	5,692,978
1961	.....	613,000	57,992	1,725,876	6,215,370
1962	.....	750,000	46,753	2,182,363	7,820,994
1963	.....	840,491	49,372	2,373,223	8,526,443
1964	.....	916,281	49,112	2,537,483	9,147,218
1965	2,495,284	902,472	53,653	2,437,988	8,875,668
1966	2,653,055	994,787	52,722	2,738,664	9,791,671
1967	2,805,123	1,155,091	49,957	2,817,362	10,192,533
1968	2,457,801	1,119,912	59,377	2,588,242	9,440,211
1969	2,956,214	1,360,639	51,522	2,946,228	10,459,936
1970	3,524,322	1,531,528	*56,000	3,468,758	12,172,254
1971	3,781,959	1,618,094	*68,000	3,900,446	13,643,936
1972	3,291,559	1,498,479	*84,608	3,652,935	12,320,794

*Estimated

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Labelled Trails	Conducted Trips	Films Lectures	Total
1946	1	3,436	.....	...	...	3,4
1947	1	5,917	.....	...	...	5,9
1948	1	6,854	.....	...	...	6,8
1950	1	.....	6,173	363	1,230	7,7
1951	1	.....	5,390	413	2,343	8,1
1952	2	200	14,341	752	3,017	18,3
1953	2	53,843	12,761	952	6,311	73,8
1954	3	72,889	18,920	1,353	9,714	102,8
1955	3	75,711	25,388	1,927	8,444	111,4
1956	5	91,246	23,125	2,015	10,727	127,1
1957	6	119,200	26,855	2,824	12,709	161,5
1958	6	146,681	40,617	3,973	17,589	208,8
1959	8	216,672	38,771	5,782	23,988	286,2
1960	9	298,129	46,679	6,958	24,296	376,0
1961	8	311,291	46,955	7,104	29,626	394,9
1962	12	374,475	55,553	9,748	47,641	487,4
1963	11	371,275	61,647	10,949	51,143	495,0
1964	12	390,792	80,815	10,458	49,235	531,3
1965	19	326,298	81,462	10,515	51,639	469,9
1966	21	392,403	88,004	11,453	53,161	545,0
1967	23	384,666	117,009	20,421	57,754	579,8
1968	23	420,617	114,731	14,123	121,127	661,5
1969	25	447,565	104,688	19,481	202,363	774,0
1970	26	401,090	121,866	14,195	172,882	754,0
1971	37	460,085	198,629	25,074	208,572	892,7
1972	44	415,032	184,238	22,522	132,134	796,7

* GROWTH OF PROVINCIAL PARKS

YEAR	CAMPING		RESERVE AREAS		PROVINCIAL PARKS	
	Parks	Units	No.	Acreage	No.	Acreage
1961	68	10,591	18	201,826	77	3,465,973
1962	72	12,745	14	190,225	81	3,481,158
1963	74	13,951	27	270,503	86	3,696,368
1964	76	14,622	50	559,502	88	3,711,464
1965	80	15,427	55	437,338	89	3,742,160
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	8,425,126
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	110	10,222,848
1972	92	19,983	96	1,221,551	115	10,363,312

The first eight Provincial Parks were established as follows: Algonquin in 1893; Rondeau, 1894; Quetico, 1909; Long Point, 1921; Presqu'ile, 1922; Upperwash, 1938; and Lake Superior and Sibley in 1944.

110 PROVINCIAL PARKS IN OPERATION IN 1971

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Camper Days	Total Visitors
AVIMER						
Holiday Beach	489	0. Reg. 254/58	1957	56	9,451	201,394
Ipperwash.....	198	Est. in 1938	1938	274	71,905	210,472
Iroquois Beach.....	560	0. Reg. 114/71	1970	91	3,962	213,781
John E. Pearce.....	168	0. Reg. 114/71	1957	.....	.....	.....
Long Point.....	849	0. Reg. 144/57	1956	327	46,604	298,111
Pinery.....	5,350	0. Reg. 110/64	1957	1,353	209,145	1,397,950
Port Bruce.....	5	.....	1957	.....	.....	.....
Rock Point.....	241	0. Reg. 165/70	1957	47	8,528	76,523
Rondeau.....	11,455	Est. in 1894	1894	411	83,379	558,147
Selkirk.....	145	0. Reg. 358/67	1967	160	11,327	78,755
Turkey Point.....	782	0. Reg. 70/59	1959	473	30,035	456,403
Wheatley.....	596	0. Reg. 114/71	1965	187	33,365	120,051
DISTRICT TOTAL.....	20,838	.....	....	3,389	507,701	3,611,087
CHAPLEAU						
Five Mile Lake.....	1,128	0. Reg. 165/70	1961	85	6,341	8,726
Ivanhoe Lake.....	3,276	0. Reg. 114/71	1960	154	17,687	41,645
Missinaibi Lake.....	108,877	0. Reg. 165/70	1969	57	2,451	7,295
The Shoals.....	27,670	0. Reg. 165/70	1971	59	5,011	19,974
Wakami Lake.....	5,928	.....	1969	70	9,737	16,586
DISTRICT TOTAL.....	146,879	.....	....	425	48,247	89,382
COCHRANE						
Greenwater.....	10,970	0. Reg. 117/63	1961	80	4,564	28,278
Kettle Lakes.....	2,417	0. Reg. 117/63	1957	150	21,979	43,119
Polar Bear.....	5,952,000	0. Reg. 290/70	....	.....	.....	.....
Tidewater.....	2,421	0. Reg. 165/70	1965	.....	.....	.....
DISTRICT TOTAL.....	5,967,808	.....	....	230	35,383	71,397

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camp Days	Total Visitors
FORT FRANCES							
Caliper Lake.....	331	0. Reg. 165/70	1956	93	9,300	11,671	52,730
Lake of the Woods.....	2,673	0. Reg. 245/67	1960	100	6,029	14,828	27,234
Quetico.....	1,148,800	Est. in 1909	1913	135	13,668	27,058	73,348
DISTRICT TOTAL.....	1,151,804	.....	....	328	28,997	53,557	153,312
GERALDTON							
Blacksand.....	3,353	0. Reg. 114/71	1960	100	4,703	7,453	13,198
Klotz Lake.....	210	0. Reg. 165/70	1957	31	3,577	5,337	9,088
MacLeod Lake.....	200	0. Reg. 117/63	1957	76	9,344	16,923	60,831
Neyss.....	8,150	0. Reg. 346/65	1963	148	22,506	26,077	82,283
Rainbow Falls.....	1,422	0. Reg. 206/63	1960	213	22,474	24,594	58,192
DISTRICT TOTAL.....	13,335	.....	....	568	62,604	80,384	235,592
HESPEIER							
Craigleith.....	162	0. Reg. 114/71	1956	170	16,386	34,953	65,288
Cyprus Lake.....	1,654	0. Reg. 114/71	1969	250	18,230	43,451	97,618
Inverhuron.....	545	0. Reg. 245/67	1959	325	22,946	71,600	183,543
Point Farms.....	760	0. Reg. 165/70	1965	241	17,320	41,533	115,771
Sauble Falls.....	428	0. Reg. 114/71	1955	150	13,876	21,921	140,466
DISTRICT TOTAL.....	3,549	.....	....	1,136	88,758	213,458	602,686
KAPUSKASING							
Fushimi Lake.....	26,775	.....	1972	30	1,459	1,832	3,922
Nagamists.....	14,446	0. Reg. 165/70	1960	83	3,912	13,336	19,107
Remi Lake.....	7,040	0. Reg. 245/69	1956	92	6,707	9,791	62,869
DISTRICT TOTAL.....	48,341	.....	....	205	12,078	24,959	85,898

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camper Days	Total Visitors
KEMPTVILLE							
Carlillon.....	1,715	0. Reg. 343/66	1970	302	8,354	14,030	67,886
Charleston Lake.....	2,066	.....	1972	155	1,467	2,462	3,049
Fitzroy.....	457	0. Reg. 320/68	1961	251	16,324	33,873	119,195
Rideau River.....	170	0. Reg. 161/64	1958	186	19,176	27,626	154,936
Silver Lake.....	78	0. Reg. 117/63	1956	197	18,130	27,650	72,733
South Nation.....	13	0. Reg. 204/60	1956	28	3,643	4,148	31,179
DISTRICT TOTAL.....	4,499	.....	....	1,119	67,094	109,789	448,978
KENORA							
Aaron.....	173	0. Reg. 320/68	1956	86	8,466	9,575	38,838
Blue Lake.....	874	0. Reg. 245/69	1956	175	14,642	33,633	64,229
Rushing River.....	469	0. Reg. 358/67	1956	166	19,161	38,193	141,142
Sioux Narrows.....	320	0. Reg. 114/71	1956	71	5,908	11,050	30,565
DISTRICT TOTAL.....	1,836	.....	....	498	48,177	92,451	274,774
LINDSAY							
Balsam Lake.....	1,109	0. Reg. 114/71	1963	460	30,706	93,485	104,247
Darlington.....	380	0. Reg. 205/64	1960	368	31,121	47,309	215,144
Emily.....	157	0. Reg. 144/57	1958	300	19,601	38,200	107,040
Ferris.....	553	0. Reg. 114/71	1966	.....	.....	.....	.....
Mark S. Burnham.....	100	0. Reg. 48/60	1960	.....	.....	.....	.....
Presqu'ile.....	2,170	Est. in 1922	1956	500	32,335	59,754	338,092
Serpent Mounds.....	138	0. Reg. 165/70	1958	128	14,040	39,388	169,366
DISTRICT TOTAL.....	4,607	.....	....	1,756	127,803	278,136	933,889

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camper Days	Total Visitors
MAPLE							
Bass Lake.....	87	0. Reg. 358/67	1957	150	12,815	21,562	188,018
Devil's Glen.....	150	0. Reg. 316/65	1956	40	4,651	6,888	49,126
Earl Rowe.....	743	0. Reg. 161/64	1960	593	54,377	98,363	292,541
Marla.....	112	0. Reg. 165/70	1965	104	11,580	21,121	69,219
McRae Point.....	170	0. Reg. 114/71	1971	205	6,643	11,597	47,016
Sibbald Point.....	556	0. Reg. 165/70	1957	725	49,229	99,168	395,807
Six Mile Lake.....	183	0. Reg. 42/58	1960	192	18,902	36,615	126,919
Springwater.....	116	0. Reg. 251/58	1930	.....	.....	.....	69,347
Wasaga Beach.....	326	0. Reg. 179/65	1959	.....	.....	.....	482,816
DISTRICT TOTAL.....	2,443	.....	...	2,009	158,197	295,314	1,720,809
NORTH BAY							
Antoine.....	30	0. Reg. 114/71	1958	30	847	1,618	6,156
Finlayson Point.....	91	0. Reg. 114/71	1956	130	9,593	20,632	61,787
Marten River.....	1,034	0. Reg. 117/63	1956	216	15,257	27,548	63,490
Samuel de Champlain.....	5,805	0. Reg. 114/71	1960	216	13,906	22,273	38,098
DISTRICT TOTAL.....	6,960	.....	...	592	39,603	72,071	169,531
PARRY SOUND							
Arrowhead.....	2,162	0. Reg. 114/71	1966	389	22,598	61,888	142,802
Grundy Lake.....	6,310	0. Reg. 70/59	1958	522	33,674	100,158	170,371
Killbear Point.....	4,340	0. Reg. 114/71	1960	1,036	43,737	215,213	286,187
Mikisew.....	133	0. Reg. 320/68	1959	265	11,117	39,340	62,624
Oastler Lake.....	78	0. Reg. 358/67	1956	182	15,490	43,343	130,872
Restoule.....	1,635	0. Reg. 165/70	1962	301	7,490	31,333	45,872
Sturgeon Bay.....	35	0. Reg. 358/67	1956	96	6,501	22,215	33,633
DISTRICT TOTAL.....	14,691	.....	...	2,791	140,607	513,490	872,361

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camper Days	Total Visitors
FEMBROKE							
Algonquin.....	1,862,400	Est. in 1893	1893	1,245	89,643	270,435	764,054
Carson Lake.....	34	0. Reg. 114/71	1956	47	2,653	6,136	2,912
Driftwood.....	655	0. Reg. 117/63	1958	95	6,233	12,967	8,735
Bonnechere.....	280	0. Reg. 114/71	1967	115	4,574	15,479	10,315
DISTRICT TOTAL.....	1,863,379	.....	....	1,502	103,103	305,017	786,016
THUNDER BAY							
Inwood.....	82	0. Reg. 251/58	1956	80	15,136	15,203	58,763
Kakabeka Falls.....	1,039	0. Reg. 114/71	1957	161	42,998	48,989	340,955
Middle Falls.....	11	0. Reg. 204/60	1956	20	5,442	5,500	35,102
Sibley.....	60,380	0. Reg. 165/70	1944	217	16,231	31,243	82,252
DISTRICT TOTAL.....	61,512	.....	....	478	79,807	100,935	517,072
SAULT STE. MARIE							
Batchawana.....	33	0. Reg. 269/58	1965	.....	.....	.....	48,656
Mississagi.....	7,124	.....	1965	112	5,851	13,566	48,613
Pancake Bay.....	1,151	0. Reg. 320/68	1958	278	32,573	48,543	159,919
DISTRICT TOTAL.....	8,308	.....	....	390	38,424	62,109	257,188
STIOUX LOOKOUT							
Ojibway.....	6,130	0. Reg. 346/65	1962	54	2,980	6,623	4,002
Pakwash.....	1,507	0. Reg. 358/67	1962	64	2,740	4,148	18,473
Sand Bar.....	7,800	0. Reg. 165/70	1970	77	8,903	10,197	11,035
DISTRICT TOTAL.....	15,437	.....	....	131	14,623	20,968	33,510
SUDBURY							
Chutes.....	270	0. Reg. 165/70	1962	91	21,534	24,908	74,420
Fairbank.....	214	0. Reg. 144/57	1958	128	11,712	18,382	44,490
Killarney.....	84	0. Reg. 183/64	1963	130	7,334	27,489	43,400
Windy Lake.....	293	0. Reg. 114/71	1957	76	5,870	11,278	85,784
DISTRICT TOTAL.....	85,144	.....	....	.....	.....	.....	.....

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camper Days	Total Visitors
SWASTIKA							
Esler Lakes.....	7,680	0. Reg. 144/57	1958	136	5,339	15,630	32,748
Kap-Kig-Iwan.....	759	0. Reg. 114/71	1959	64	4,507	6,324	36,184
DISTRICT TOTAL.....	8,439	.....	....	200	9,846	21,954	68,432
TWEED							
Black Lake.....	99	0. Reg. 117/63	1956	200	12,376	33,674	55,951
Bon Echo.....	16,417	0. Reg. 114/72	1957	400	26,999	102,623	184,047
Lake on the Mountain.....	256	0. Reg. 141/57	1955	.....	.....	.....	.....
Lake St. Peter.....	62	0. Reg. 114/71	1967	63	6,651	11,800	43,502
North Beach.....	221	0. Reg. 165/70	1966	.....	.....	.....	86,725
Outlet Beach.....	675	0. Reg. 320/68	1959	480	33,695	113,323	402,019
Sandbanks	1,802	0. Reg. 165/70	1962	.....	3,789	7,506	81,692
DISTRICT TOTAL.....	19,532	.....	....	1,143	83,506	268,926	853,936
WHITE RIVER							
Lake Superior.....	391,152	0. Reg. 64/64	1944	354	35,465	52,658	166,881
Obatanga.....	34,035	0. Reg. 358/67	1964	110	11,255	14,901	23,410
White Lake.....	4,265	0. Reg. 114/71	1962	204	24,178	43,003	96,659
DISTRICT TOTAL.....	429,452	.....	....	668	70,898	110,562	286,950
WILD RIVER PARKS							
Chapleau-Nemegosenda.....	25,000	.....	....	.....	.....	.....	.....
Lady Evelyn.....	10,000	.....	....	.....	.....	.....	.....
Mattawa.....	8,143	.....	....	.....	.....	.....	.....
Mississagi.....	25,000	.....	....	.....	.....	.....	.....
Winisk.....	415,400	.....	....	.....	.....	.....	.....
DISTRICT TOTAL.....	483,543	.....	....	.....	.....	.....	.....
NATURE RESERVES							
Gibson River.....	415	0. Reg. 362/68	....	.....	.....	.....	.....
Matawatchan.....	160	0. Reg. 362/68	....	.....	.....	.....	.....
Montreal River.....	108	0. Reg. 362/68	....	.....	.....	.....	.....

DISTRICT Park	Area (Acres)	Regulation	First Year Operated	No. of Campsites	Campers	Camper Days	Total Visitors
NATURE RESERVES (Cont'd)							
Porphry Island.....	264	0. Reg. 362/68	....	.....	.....	.....	.....
Trillium Woods.....	25	0. Reg. 245/69	....	.....	.....	.....	.....
Waubesahe ne Beaches.....	84	0. Reg. 245/69	....	.....	.....	.....	.....
DISTRICT TOTAL.....	1,056	.....	....	.....	.....	.....	.....
PROVINCIAL							
TOTALS.....	10,363,312	.....	....	19,983	1,498,479	3,291,559	12,320,794

81 PROVINCIAL PARK RESERVE AREAS IN 1970

DISTRICT Reserve Area	AREA (Acres)	LOCATION
HAPLEAU		
The Shoals	26,600	Cosens, Topham, Peters, Triquet Twps.
OCHRANE		
Pierre-Montreuil.....	41,728	McQuibban, Swartman Twps.
Long Point Peninsula ...	18,500	Lake Abitibi
Dana Lake	6,400	Carscallen, Keefer, Denton Twps.
Otter Rapids	486	Pitt Twp.
ORT FRANCES		
Warner Lake.....	7,450	South of Tanner Twp.
Sandpoint Island	1,970	Rainy Lake
Pow-wow Campgrounds .	1,730	Shoal Lake
ERALDTON		
Purgatory Chutes.....	100	South of Fernow Twp.
Steel River	2,700	Twp. 81
Esnagami River	58,000	Esnagami, Alpha, Rupert Twps.
Partridge Lake.....	6,500	Legault, Colter Twps.
Lukinto Lake.....	2,250	South of O'Meara Twp.
Humboldt Bay	73,000	Lake Nipigon
Cypress, Gravel Rivers .	1,650	North Shore, Lake Superior
APUSKASING		
Lake Nagagami.....	4,085	Nagagami Twp.
Rogers	1,510	Rogers Twp.
EMPTVILLE		
Murphy's Point.....	1,161	North Burgess Twp.
Mouth of Tay.....	165	North Elmsley Twp.
Kilmarnock	82	Montague Twp.
ENORA		
Pipestone.....	3,560	Lake of the Woods
Pistol Lake	4,000	Minaki Area
LAKE ERIE		
James N. Allan	266	Dunne Twp.
Effingham	455	Thorold, Pelham Twps.
Tremblay Beach.....	189	Tilbury North Twp.
LAKE HURON		
Stokes Bay.....	545	Eastnor Twp.
Beaver Valley.....	250	Euphrasia Twp.
LAKE SIMCOE		
Matchedash	6,200	Matchedash Twp.
Methodist Point	2,800	Tiny Twp.
McRae Point	162	Mara Twp.
Scugog Island	411	Scugog Twp.
Duclos Point	160	Georgina Twp.
Noisy River.....	100	Nottawasaga Twp.
Primrose	1,200	Mulmur, Melancthon Twps.
Allandale, G.R.	83	Innisfil Twp.
Couchiching.....	108	Orillia Twp.
Bass Lake Nature Reserve	190	Oro Twp.

LINDSAY		
Red Pine Lake.....	6,580	Sherborne, Stanhope Twps.
Silent Lake.....	1,863	Cardiff Twp.
Kawartha Highlands.....	3,804	Cavendish, Anstruther Twps.
Gull River.....	40	Sommerville, Laxton Twps.
Wolf Island.....	464	Harvey Twp.
Kendall Recreation Area	268	Harvey Twp.
McDonald Nature Reserve	83	Haldimand Twp.
NORTH BAY		
W.B. Greenwood.....	23,000	Coleman, Banting, Best Brigstocke Twps.
Mashkinonje.....	2,543	Haddo Twp.
PARRY SOUND		
McDonald Bay.....	1,000	Baxter, Gibson Twps.
O'Donnell Point.....	2,130	Freeman Twp.
Round Lake.....	24,265	Shawanaga, Ferguson, Burpee Twps.
South Bay.....	3,936	Nipissing Twp.
Bigwind Lake.....	5,400	Oakley Twp.
Shawanaga Basin.....	2,560	Shawanaga, Harrison Twps.
Moon Island.....	15,000	Conger, Cowper, Freeman Twps.
Restoule.....	1,155	Patterson Twp.
PEMBROKE		
Round Lake.....	306	Richards Twp.
SAULT STE MARIE		
Aubrey Falls.....	17,000	Twp. 4D, Mississagi River
Mississagi.....	97,100	Twps. U, Q, 1A, 163, 157, 161, 156
SIOUX LOOKOUT		
Irregular Lake.....	370,000	40 Miles SW of Red Lake
White Otter Lake.....	60,000	25 Miles NW of Atikokan
SUDBURY		
Wahnipitae Lake.....	1,300	Rathbun Twp.
Halfway Lake.....	58,240	Muldrew, Antrim, Athlone, Morse Twps.
Dividing Lake.....	19,240	Chester, Invergarry Twps.
Lacloche Lake.....	6,200	Harrow Twp.
SWASTIKA		
McCann.....	640	McCann Twp.
THUNDER BAY		
Silver Falls.....	8,800	Dog Lake
Kopka Lake.....	89,650	West side of Lake Nipigon
Kashabowie Lake.....	19,130	Kashabowie Lake
Arrowhead Penn.....	850	North Light Lake
Inwood.....	1,000	Inwood Twp.
Eaglehead Lake.....	750	Eaglehead Lake
Arrow Lake.....	100	Arrow Lake
Ouimet Canyon.....	1,920	Dorion Twp.
TWEED		
Frontenac.....	8,509	Bedford, Loughborough Twps.
McKenzie Lake.....	3,408	McClure Twp.
Casey Point.....	81	Kingston Twp.
Wolfe Island.....	709	Wolfe Twp.
Black Donald.....	9,841	Brougham Twp.
WHITE RIVER		
Kawapitapika Lake.....	2,800	Cecile, Knowles Twps.
Kakakiwibik Lake.....	58,880	Twp. 66, Cooper, Tedder Twps.
TOTAL	1,236,933	

WILDERNESS AREAS

The Following have been declared wilderness areas under The Wilderness Areas Act of 1959 for the reasons stated.

O. Reg. 281/60 - Filed Oct. 21/60.

1. HILTON TOWNSHIP -- 97 acres in Hilton Township, District of Algoma -- This area is recommended for the demonstration of tree farming methods to members of 4H Clubs.

3. OLD BRUNSWICK HOUSE -- 51 acres in Kildare Township, District of Algoma -- The site of a Hudson's Bay Company trading post.

4. ABITIBI LAKE NARROWS -- 9.75 acres in Rand Township, District of Cochrane -- The site of an old Hudson's Bay Company fur trading post and also the site of an Old Indian burial ground.

5. OLD FORT ALBANY -- 11 acres in District of Cochrane - This is the site of one of the early Hudson's Bay Company posts, said to be one of the oldest places of residence in Ontario.

O. Reg. 259/64 - Filed Oct. 5/64

5A. SANKEY TOWNSHIP NATURE RESERVE -- Approximately 72 acres in Kapuskasing District and in climatic region 3E (see Page 4, Ontario Resources Atlas), established in 1964 as an example of typical forest cover that will be maintained in an untouched condition. Adjacent to the Sankey Demonstration Unit, it will be valuable as a direct contrast of wild to managed stands. The tree cover consists of pure stands of black spruce and mixed stands of white spruce, black spruce, balsam fir and poplar. The ground cover consists of vacinium-mosses, brush-alder, mountain maple and dogwood.

O. Reg. 281/60 - Filed Oct. 21/60.

6. KISHKEBUS LAKE- 332 acres in Barrie Township, Frontenac County -- Area of high aesthetic recreational value.

7. TICKELL -- Gull Island in the Bay of Quinte -- This was the first wilderness area selected under the Act. It is restricted to preserve the island in its natural state and to provide a landing place for watercraft.

8. CAPE HENRIETTA MARIA -- 144,000 acres in District of Kenora, Patricia Portion -- Here are flora and fauna with an Arctic element found nowhere else in Ontario. Arctic mammals, such as the walrus, polar bear and bearded seal, occur here, as well as eleven species of Arctic birds which breed nowhere else in Ontario.

9. ECHO TOWNSHIP -- 492 acres in Echo Township, District Kenora -- Here is a stand of red pine which is scarce in Sioux Lookout Forest District. It is set aside for silvicultural research, seed production and educational purposes.

10. THE JONES ROAD -- 640 acres, north of Jackman Township, District of Kenora -- Of scientific and scenic value, this area is reserved for silvicultural research. It contains a red pine stand which is more than 300 years old.

11. MASSACRE ISLAND -- 70 acres in Lake of the Woods -- This island is of historical interest and the only site in Ontario where pelicans have been recorded as breeding. It also has a breeding colony of cormorants. It was on Massacre Island that Lieut. Jean Baptiste

La Verandrye (son of the explorer, Pierre Gauthier De La Verandrye) Father Aulneau (Jesuit missionary) and 19 other men were slain by marauding Indians in 1736.

12. SIOUX MOUNTAIN -- 28.4 acres in Drayton Township, District of Kenora -- This high, rocky hill, rising approximately 300 feet above the water opposite Sioux Lookout, is said to be the lookout where watch was kept for marauding bands of Sioux Indians -- hence, the name of the town.
13. SUTTON LAKE GORGE -- 125 acres in District of Kenora, Patricia Portion -- The only nesting place for the golden eagle in Ontario. Here, Sutton Lake narrows to a width of approximately ten feet between walls of solid rock which rise to a height of four hundred feet above lake level. This rock outcrop is surrounded by muskeg which reaches in all directions for many miles.
14. WHITE OTTER LAKE -- 41 acres in Sioux Lookout District Here is a log castle, perhaps unique, built by Scottish trapper for a bride who never appeared.
15. RONDEAU PROVINCIAL PARK -- 559.74 acres in Rondeau Provincial Park, Harwich Township, Kent County -- Here are samples of flora and fauna found in few other places in Ontario.
16. CRATER LAKES -- 550 acres in Killarney Township, District of Manitoulin -- A scenic and historic site.
17. McCRAE LAKE -- 625 acres in Baxter Township, District of Muskoka -- This area has recreational value and is also the site of biological investigations.
18. TURKEY POINT -- 52.85 acres in Charlotteville Township, Norfolk County -- This site contains flora and fauna distinctive of this part of Ontario.
20. EIGHTEEN MILE ISLAND -- 482 acres in Mason Township, District of Sudbury -- An area of silvicultural interest for the observation of the undisturbed succession of the existing forest type.
21. FAIRY POINT -- 640 acres in Missinaibi Township, District of Sudbury -- The site of an old Indian battle ground; it contains a large number of Indian paintings or pictographs.
22. WHITEFISH FALLS -- 266 acres in Missinaibi Township, District of Sudbury -- Reserved for its aesthetic and recreational value.
23. BAT CAVE -- 177 acres in Dorion Township, District of Thunder Bay -- Very few caves are found in northern Ontario and this particular one is the over-wintering place of a large number of bats. The adjacent area contains two rare plants: the Smooth Cliff Brake, *Pellaea glabella*, and Dickie's Fragile Fern, *Cystopteris dickieana*.
24. GANLEY HARBOUR -- 6.5 acres on shore of Lake Superior, District of Thunder Bay -- The site of early stone pits and cairns.
25. OUTER BARN ISLAND -- 161 acres in District of Thunder Bay -- An isolated crag which should be set aside for posterity.

. RICHARDSON HARBOUR ISLAND -- 42 acres in Homer Township, District of Thunder Bay, off the shore of Lake Superior -- The site of early stone pits and cairns.

. SLEEPING GIANT -- 633 acres in Sibley Township, District of Thunder Bay -- A well known point of interest at the head of the lakes; a geological formation which resembles the recumbent form of a human.

Reg. 268/61 - Filed July 28/61

. NEW BRUNSWICK HOUSE POST -- 137 acres in Cromlech Township, District of Algoma -- The site of a Hudson's Bay Company post of historical interest.

1. THE PINERY PROVINCIAL PARK DUNE FOREST -- 129.5 acres in Pinery Provincial Park, Bosanquet Township, Lambton County -- An Area which was repeatedly burned until the Park was acquired in 1955. In evidence are many "blow-outs" (complicating the topography of parallel dunes), "fixed" with vegetation which is a living example of natural forest succession under these conditions. With light cover of oak and pine, this area has a potential for good nature trails and offers a magnificent view from a point overlooking the Ausable River and its marsh borders.

2. THE PINERY PROVINCIAL PARK FLOOD-PLAIN -- 25 acres in Pinery Provincial Park, Bosanquet Township, Lambton County -- Selected for scientific interest in botany and physiography and for its value for outdoor recreation.

3. THE PINERY PROVINCIAL PARK FOREST -- 197 acres in Pinery Provincial Park, Bosanquet Township, Lambton County -- This area was selected for its value for outdoor recreation and for scientific interest in its botany and physiography.

4. THE PINERY PROVINCIAL PARK SHORE -- 75 acres in Pinery Provincial Park, Bosanquet Township, Lambton County -- Reserved as an example of undisturbed shoreline with fore dune and rear dune area, "blow-out", and all the associated natural vegetation. This area possesses a peculiar, wild solitude. The geomorphology of shore dunes is extremely well shown by natural features which are unique in Ontario public lands.

5. PRESQU'ILE ISLANDS -- 322 acres in Presqu'ile Provincial Park, Northumberland County -- An important nesting area for ring-billed gulls and common terns which occur on these islands in thousands.

6. AGATE ISLAND -- 148 acres in District of Thunder Bay -- Reserved to permit its retention in public ownership as a recreational area, particularly as a source of agates which are sought by amateur collectors.

O. Reg. 35/62 - Filed Feb. 12/62

36. TIMBER ISLAND -- 101-acre island in Prince Edward Bay of Lake Ontario, Township of South Marysburg, County of Prince Edward, a gift to the Crown from Mrs. H.J. Cody of Toronto. The island's 74 acres of timbered land is an interesting example of undisturbed forest development on the shallow limestone sites common in the area. It is suitable for a sanctuary for migratory birds. Established in 1961.

O. Reg. 251/63 - Filed Sept. 17/63

*37. PUKASKWA -- By far the largest Wilderness Area to date (1963) with approximately 600,000 acres on Lake Superior in the Districts of Algoma and Thunder Bay (White River Forest District). It was set aside because of the inaccessibility of its interior, its outstanding scenic beauty (rough terrain and rushing waters) and its notable hunting and fishing potential.

*Re-enacted by O. Reg. 89/64 - Filed Apr. 27/64

O. Reg. 229/64 - Filed Sept. 2/64

38. SHOAL LAKE -- Reserved as historic site in Fort Frances District: 15.72 acres formerly used as Pow-Wow Grounds by Indians of the area. Established in 1964.

O. Reg. 259/64 - Filed Oct. 5/64

39. BLAIR TOWNSHIP NATURE RESERVE -- 168 acres of unlicensed Crown land in the northwestern part of Parry Sound District with a typical stand of red and white pine. The tree cover includes white spruce, poplar and white birch is the main crown canopy. Deer, moose and common fur-bearers of the region occur on or near the area. Established in 1964.

O. Reg. 30/66 - Filed Jan. 28/66

40. DERBY LAKE -- 450 acres in Godson Township, District of Kenora to preserve an over-mature stand of white pine.

O. Reg. 204/71 - Filed May 10, 1971

41. MICHIPICOTEN -- 552 acres in Twp. 30, Range XXII, District of Algoma. Established to preserve an ancient Hudson's Bay Company post site.

Year	No. of Trappers	Beaver	Fisher	Fox	Lynx	Marten	Mink	Muskrat	Otter	Raccoon	Skunk	Squirrel	Weasel
1952	11,641	99,391	2,081	5,069	251	1,529	27,704	567,565	5,259	10,905	5,747	5,598	13,129
1953	12,332	109,260	2,414	5,838	1,216	2,210	28,904	671,642	6,410	9,874	5,749	16,077	23,737
1954	11,914	91,484	2,335	5,289	1,464	2,767	30,264	607,645	6,203	10,669	2,506	14,256	23,816
1955	12,310	115,439	2,915	2,977	1,547	3,587	29,520	640,865	6,224	99,641	1,879	16,133	28,813
1956	11,001	98,084	3,046	2,782	891	2,909	27,510	400,111	6,401	13,135	819	13,861	20,190
1957	9,529	106,738	2,127	1,313	564	4,467	36,284	443,153	5,727	10,551	1,105	19,440	17,981
1958	8,604	140,371	3,173	2,159	1,103	6,061	49,484	446,578	8,519	9,596	2,019	14,778	16,410
1959	7,826	120,566	2,365	2,160	2,242	4,559	44,926	337,936	6,698	4,200	572	11,300	11,626
1960	8,657	110,615	3,125	1,273	4,038	6,361	47,445	320,287	6,040	10,580	389	9,255	12,472
1961	9,100	132,375	3,348	1,753	4,502	9,325	61,520	304,731	7,422	7,433	216	12,496	12,631
1962	8,588	137,609	2,728	3,090	4,578	10,260	47,215	377,888	7,456	9,543	264	10,009	11,143
1963	9,448	167,408	2,830	1,647	4,743	7,748	43,048	345,428	8,326	9,189	112	12,850	10,213
1964	9,437	181,778	3,659	2,625	4,913	12,822	44,161	366,862	8,890	11,025	...	14,880	10,213
1965	8,937	161,229	2,581	2,343	1,690	10,664	32,825	251,795	8,457	8,280	...	17,750	11,841
1966	9,035	147,627	3,116	4,088	1,503	19,131	25,705	390,685	8,171	20,389	72	9,297	10,446
1967	8,988	143,776	3,016	4,581	1,167	26,591	23,964	359,142	6,928	11,797	...	7,490	7,721
1968	7,497	160,278	2,189	3,672	912	13,977	21,272	369,848	7,204	14,970	...	17,758	5,791
1969	8,094	164,888	3,536	6,258	1,406	30,699	28,464	539,034	7,638	19,695	...	15,948	11,357
1970	9,503	155,127	3,172	5,141	1,915	24,358	27,008	348,502	6,994	15,199	...	6,796	4,678
1971	8,463	127,913	2,559	4,609	1,903	20,687	18,152	286,207	6,589	13,000	95	6,957	3,799
1972	9,300	103,389	2,259	6,044	2,332	19,932	16,591	222,270	5,148	18,000	3	3,002	2,279
1972 Price (\$)		16.55	31.30	14.80	31.00	7.25	6.85	1.80	33.65	5.70	.50	.25	.31
1972 Total Value:		\$2,823,241.49											

**Lynx includes Bob Cat.

*Management began in 1947. Wolf and bear returns not reported above.

VALUE OF PELTS, Exported or Tanned in years ending June 30th

Year	NUMBER OF PELTS				VALUE OF PELTS			
	Wild Beaver	Ranch Mink	Total Wild	Total Ranch	Total	Wild Beaver	Total Wild	Total Ranch
1947	45,908	73,770	876,204	101,430	977,634	\$1,273,947	\$4,966,209	\$2,262,888
1948	20,102	125,829	1,001,249	155,468	1,156,717	671,407	4,040,847	2,346,039
1949	74,414	143,358	1,046,628	164,917	1,211,545	1,592,460	5,187,075	1,647,044
1950	65,728	143,513	931,890	158,912	1,090,802	1,311,274	4,248,297	2,165,233
1951	82,048	142,570	811,579	152,208	963,787	1,938,794	4,582,901	3,101,559
1952	105,769	144,436	959,431	152,284	1,111,715	1,496,631	3,656,919	2,355,226
1953	122,590	152,760	1,098,286	156,903	1,255,189	1,612,059	3,868,812	2,171,784
1954	105,361	131,192	1,016,672	132,759	1,149,431	1,016,734	2,682,762	1,905,518
1955	135,290	158,662	1,107,530	159,765	1,267,295	1,995,528	4,284,902	2,942,968
1956	113,200	171,723	786,608	172,985	959,593	1,386,700	2,989,521	4,129,555
1957	113,036	247,998	788,666	248,317	1,036,983	1,254,700	2,575,809	2,978,209
1958	141,263	237,172	791,165	237,930	1,029,095	1,483,262	2,713,427	3,943,119
1959	120,121	262,788	680,189	262,913	943,102	1,249,259	2,445,203	3,969,224
1960	111,235	286,845	641,093	287,265	928,358	1,479,426	2,831,174	4,450,571
1961	131,620	348,193	680,878	348,602	1,029,480	1,408,334	2,469,875	4,441,088
1962	137,634	385,650	627,283	385,962	1,013,245	1,362,577	2,451,075	5,593,485
1963	166,726	385,982	692,487	386,133	1,078,620	1,959,031	3,439,311	6,176,920
1964	183,973	437,303	742,923	437,443	1,180,366	2,327,258	3,942,029	7,019,973
1965	159,524	393,231	597,866	393,231	991,097	1,659,050	2,877,897	5,898,465
1966	149,408	482,932	724,464	483,142	1,207,606	2,285,942	3,985,556	8,219,084
1967	140,083	542,647	611,536	542,822	1,154,358	1,603,950	2,596,393	5,430,845
1968	164,319	593,633	705,943	593,673	1,299,616	2,366,194	3,348,373	5,729,358
1969	138,836	553,181	686,296	553,275	1,239,571	2,457,397	4,161,541	7,886,989
1970	169,397	546,465	810,713	546,844	1,357,557	2,193,691	3,631,983	5,552,305
1971	140,746	501,232	761,279	501,668	1,262,947	1,500,420	3,020,820	9,184,288

NUMBER OF PELTS

ROYALTY ON WILD PELTS

Year	Beaver Export	Beaver Tanners	Wild Export	Wild Tanners	Total Export	Total Tanners	Beaver	Wild Export	Wild Tanners	Total
1947	45,847	61	667,657	208,546	762,998	214,636	\$ 91,816	\$188,561	\$23,229	\$211,790
1948	20,083	19	714,941	286,308	862,700	294,017	.....	.....	.....	.....
1949	74,253	161	784,276	262,352	940,378	271,167	148,828	238,974	27,156	266,130
1950	65,600	128	758,371	173,519	909,079	181,723	131,456	219,949	18,075	238,024
1951	81,845	203	665,366	146,213	814,447	149,340	164,096	241,937	15,493	257,430
1952	105,503	266	773,562	185,869	922,868	188,847	211,538	300,321	19,556	319,877
1953	122,287	303	848,398	249,888	998,713	256,476	185,586	300,799	26,314	327,113
1954	105,071	290	780,147	236,525	908,990	240,441	158,071	268,823	25,430	294,253
1955	134,729	561	788,052	319,478	941,348	325,947	136,563	242,490	34,794	277,284
1956	111,663	537	604,077	182,531	769,027	190,566	113,200	196,956	20,767	217,723
1957	111,278	1,758	559,150	229,516	788,370	248,613	113,036	194,340	27,596	221,936
1958	140,930	333	657,062	134,103	879,779	149,779	141,263	224,921	9,407	234,328
1959	119,684	437	586,768	93,421	830,538	112,564	120,121	195,586	8,353	203,939
1960	109,757	1,478	588,120	82,973	821,984	106,374	111,235	188,562	6,950	195,512
1961	130,167	1,453	608,949	71,929	918,212	111,268	131,620	224,237	9,017	233,254
1962	135,949	1,685	569,249	58,034	897,511	115,734	137,634	217,870	5,999	223,869
1963	164,293	2,433	623,347	69,140	959,404	119,216	166,726	242,652	6,981	249,633
1964	135,791	48,182	530,863	212,060	903,688	276,678	183,973	198,473	72,874	271,347
1965	116,901	42,623	405,967	191,899	728,415	262,682	159,524	166,325	64,339	230,664
1966	99,719	49,689	430,514	293,950	835,687	371,919	149,408	146,612	77,732	224,344
1967	92,676	44,407	364,475	247,061	827,995	326,363	140,083	135,015	73,449	208,464
1968	105,703	58,616	397,170	308,773	866,491	433,125	164,319	144,588	83,882	228,470
1969	88,888	49,948	476,893	209,403	938,616	300,955	138,836	136,675	78,428	215,103
1970	80,978	88,419	334,698	476,015	800,691	556,866	169,397	119,200	132,395	251,595
1971	64,175	76,571	231,209	530,070	645,600	617,347	140,746	91,917	117,483	209,400
1972	70,080	33,309	217,361	172,578	583,113	246,555	103,389	95,593	54,725	150,318

COMMERCIAL FISHING EQUIPMENT

Year	No. of Boats			Number of Nets			Seine Nets 00's yds	No. of Freezers & Ice Houses	No. of Wharves and Piers	No. of Net Sheds	Total Value \$000's		
	No. of Licences	No. of Men	40ft. & Over	Under 40 ft.	Gill Nets 000's yds	Pound						Trap*	Hoop
1947	2,421	4,026	112	2,009	8,858	1,135	...	1,240	178	486	400	...	5,147
1948	...	3,736	111	1,930	8,981	1,152	...	1,324	167	477	412	...	5,716
1949	2,675	3,930	123	2,039	9,144	1,182	...	1,411	186	456	395	...	5,988
1950	2,722	3,886	116	1,966	9,064	1,214	...	1,439	177	477	425	...	6,679
1951	2,894	3,833	126	1,981	8,944	1,204	...	1,483	159	476	416	...	6,985
1952	3,115	3,878	196	1,682	9,057	1,127	359	1,564	171	462	474	727	8,328
1953	3,098	3,807	215	1,538	9,312	1,078	549	1,570	156	493	487	827	8,839
1954	3,200	3,657	214	1,407	9,248	878	709	1,578	183	482	456	778	9,176
1955	3,379	3,483	224	1,338	9,304	787	822	1,545	158	442	447	759	9,226
1956	3,470	3,135	202	1,320	8,719	784	763	1,487	140	426	437	754	8,891
1957	3,684	3,066	211	1,321	8,618	671	804	1,462	164	412	404	709	8,676
1958	4,029	3,224	212	1,270	8,898	713	731	1,441	149	464	425	727	9,215
1959	4,170	3,527	234	1,680	9,718	723	739	1,812	190	564	491	884	10,557
1960	4,176	3,409	238	1,740	9,523	744	661	1,861	196	558	516	839	10,124
1961	4,563	3,059	223	1,541	9,293	672	631	1,778	170	521	476	773	10,377
1962	4,554	2,993	218	1,533	9,344	796	597	1,767	170	525	497	726	9,996
1963	4,679	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	10,264
1964	4,786	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	10,131
1965	4,647	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	9,972
1966	5,316	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	10,327
1967	5,407	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	10,558
1968	5,472	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	10,824
1969	5,627	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	10,774

YIELD OF ONTARIO FISHERIES in 000's lbs and \$000's

SPECIES	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	Value 1971
Bass, Rock; Crappies....	137	177	206	209	271	249	276	186	193	199	\$ 57
Bass, White.....	2,491	1,991	1,836	2,733	1,805	855	819	925	210	114	28
Bullheads.....	423	740	513	451	348	342	395	473	378	362	72
Carp.....	1,124	1,323	938	872	937	928	987	1,046	702	770	77
Catfish.....	314	300	287	243	273	250	255	220	104	156	43
Caviar.....	2	1	2	2	1	....	....	....	....	....	...
Chub; Tullibee.....	2,825	2,329	2,035	1,892	1,265	1,165	681	461	282	802	196
Eels.....	128	175	250	194	150	141	181	175	151	173	43
Gold Eye.....	34	20	28	19	7	11	2	....	1	1	...
Herring; Cisco.....	2,630	2,374	1,993	1,603	1,184	1,935	2,985	2,780	3,060	2,794	258
Ling; Burbot.....	623	615	600	404	343	487	382	416	396	246	2
Menominee, Pilots.....	31	20	70	66	58	41	56	57	37	52	7
Perch.....	21,659	18,725	9,635	19,465	21,151	22,731	24,969	30,506	21,772	15,277	3,838
Pickeral, Blue.....	....	....	....	....	....	....	....	....	....	....	...
Yellow Pickerel.....	3,708	5,108	3,678	3,241	3,987	3,238	2,765	2,050	1,406	1,154	484
Pike, Northern.....	976	990	1,134	1,099	1,005	952	956	871	752	558	64
Saugers.....	131	136	141	76	59	82	70	51	57	31	10
Sheepshead.....	1,117	1,503	831	990	1,058	666	802	451	310	103	4
Smelt.....	19,314	10,705	12,887	11,917	16,056	12,660	12,490	15,226	9,572	13,551	610
Sturgeon.....	133	132	98	94	86	76	79	90	47	43	58
Suckers.....	1,540	1,650	1,450	1,102	1,306	1,297	1,278	1,274	1,079	797	17
Sunfish.....	257	358	358	249	253	359	400	413	280	299	47
Trout, Lake.....	208	254	224	178	174	302	301	282	199	188	85
Whitefish.....	3,640	3,357	3,229	3,236	2,812	2,625	2,906	2,957	2,870	2,312	866
Miscellaneous.....	337	1,359	1,086	2,154	1,754	1,513	1,670	2,293	2,223	2,810	85
TOTAL.....	63,784	54,342	43,510	52,489	56,344	52,905	55,705	63,203	46,081	42,792	\$6,951

YIELD OF ONTARIO FISHERIES BY WATERS in 000's lbs and \$000's

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Value \$'000
1946	2,059	18,925	493	954	1,292	290	3,589	4,719	679	33,000	5,597
1947	2,002	12,334	466	1,107	666	267	2,830	4,802	448	24,922	4,803
1948	2,046	14,926	437	1,440	913	445	3,371	4,629	735	28,942	5,735
1949	2,006	19,093	540	1,260	1,563	550	3,188	5,254	607	34,061	5,497
1950	2,219	16,866	469	1,301	2,794	668	2,655	5,229	555	32,756	6,252
1951	2,411	13,114	389	1,474	3,720	548	2,851	5,728	707	30,972	7,044
1952	2,281	17,417	792	1,736	5,359	433	3,127	6,221	678	38,044	7,417
1953	2,059	23,389	983	1,396	6,876	458	2,771	6,080	827	44,839	7,037
1954	1,914	28,912	1,021	1,463	4,292	395	2,890	6,080	712	47,679	7,013
1955	1,943	30,285	822	1,262	2,298	244	2,540	5,627	615	45,636	6,783
1956	2,627	44,682	1,029	1,463	1,113	187	2,145	5,878	593	59,717	7,928
1957	1,997	37,105	1,113	988	664	191	2,797	5,764	493	51,113	7,047
1958	2,098	30,751	907	2,023	407	255	2,871	7,316	544	47,172	7,274
1959	2,051	31,597	845	2,203	225	171	3,850	7,617	432	48,992	4,866
1960	1,958	29,219	659	3,489	218	206	2,828	8,234	586	47,397	4,933
1961	2,109	35,698	877	4,759	201	246	2,353	7,966	746	54,954	5,746
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,051

Year	Bullhead & Catfish	Carp	Eels	Lake Herring	Lake Trout	Smelt	White- fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	288	197	35	413	102	...	398	45	581	2,059	\$ 317
1947	301	119	33	573	64	...	358	40	514	2,002	312
1948	433	208	40	480	42	...	237	30	575	2,045	290
1949	498	181	46	324	22	...	219	28	678	2,006	258
1950	520	242	29	225	15	...	419	34	735	2,219	309
1951	470	217	48	197	40	...	385	90	963	2,410	424
1952	478	253	65	111	32	225	417	103	597	2,281	393
1953	417	371	57	73	14	282	207	75	563	2,059	284
1954	376	309	78	70	7	265	228	114	467	1,914	268
1955	386	318	68	29	4	238	340	124	436	1,943	313
1956	440	616	50	38	2	269	593	121	498	2,627	429
1957	394	314	100	84	1	177	301	118	508	1,997	328
1958	353	323	129	53	1	295	340	166	438	2,098	406
1959	311	536	136	52	1	208	335	151	321	2,051	393
1960	280	310	128	74	1	188	397	126	454	1,958	355
1961	199	314	125	51	3	223	572	125	497	2,109	397
1962	203	248	125	27	1	202	355	106	483	1,750	331
1963	229	417	169	38	1	171	354	68	599	2,046	348
1964	167	270	246	38	...	128	125	66	975	2,015	285
1965	150	314	189	23	...	202	107	46	1,616	2,647	353
1966	123	302	143	36	...	141	57	44	779	1,625	220
1967	127	392	136	59	...	155	48	26	889	1,832	243
1968	169	412	173	40	...	168	77	22	948	2,009	284
1969	240	541	169	40	...	146	81	18	1,035	2,270	330
1970	270	493	146	25	...	165	49	10	1,747	2,905	429
1971	244	441	168	23	...	202	17	7	1,804	2,906	447

Yield of Ontario Fisheries by Species -- **LAKE ERIE** --in 000's lbs and \$000's

Year	Blue Pickerel	Lake Herring	Yellow Perch	Sheeps- head	Smelt	White Bass	White- Fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	1,909	9,525	2,418	.....	.....	.....	1,932	739	2,402	18,925	\$3,089
1947	1,646	2,484	2,252	.....	.....	.....	2,726	793	2,433	12,334	2,676
1948	5,742	603	1,939	.....	.....	.....	3,800	799	2,043	14,926	3,025
1949	9,784	393	2,279	.....	.....	.....	3,620	849	2,168	19,093	2,950
1950	8,611	645	2,166	.....	.....	.....	1,390	1,252	2,802	16,866	3,149
1951	3,914	323	2,758	.....	.....	.....	1,130	1,522	3,497	13,144	2,892
1952	7,267	329	2,204	1,073	374	1,422	1,424	2,167	1,157	17,417	3,249
1953	10,333	234	3,973	772	1,030	2,161	1,641	2,288	957	23,389	3,089
1954	8,151	281	7,749	773	1,266	6,153	556	2,925	1,058	28,912	3,407
1955	12,037	96	4,753	786	2,040	4,505	399	4,773	896	30,285	3,842
1956	12,002	194	11,573	713	3,694	5,715	542	9,275	974	44,682	5,434
1957	6,389	104	11,894	789	4,473	3,538	536	8,294	1,088	37,105	4,848
1958	824	62	15,410	1,727	4,656	1,813	383	5,073	803	30,751	4,662
1959	47	39	19,606	1,328	6,843	1,406	87	1,384	857	31,597	2,200
1960	4	6	11,654	1,468	11,467	3,255	21	619	725	29,219	2,060
1961	1	3	17,284	1,116	12,835	3,334	9	269	847	35,698	2,507
1962	.....	2	20,859	1,037	19,108	2,349	10	284	818	44,465	2,353
1963	.....	2	17,963	1,412	10,524	1,855	11	1,875	1,659	35,301	2,530
1964	.....	2	8,351	752	12,735	1,723	3	599	1,216	25,381	2,377
1965	.....	...	18,603	898	11,711	2,611	...	346	927	35,096	3,319
1966	.....	...	20,698	940	15,914	1,757	6	991	1,120	41,426	3,105
1967	.....	...	22,087	494	12,501	822	...	747	1,119	37,770	3,340
1968	.....	...	24,435	651	12,223	751	1	328	1,026	39,415	2,974
1969	.....	...	29,802	339	15,076	875	1	193	1,740	48,026	4,244
1970	.....	...	19,999	259	9,402	195	...	26	1,874	31,755	3,770

Year	Chub	Lake Herring	Lake Trout	Yellow Perch	Sturgeon & Caviar	Suckers	White-Fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	89	104	30	336	7	...	158	122	108	954	\$ 151
1947	113	217	7	219	8	...	292	171	80	1,107	211
1948	188	125	10	147	6	...	538	225	201	1,440	348
1949	207	135	3	231	8	...	243	205	228	1,260	246
1950	129	128	.....	359	8	...	226	240	123	1,213	238
1951	109	116	.....	431	8	...	225	254	164	1,307	318
1952	88	107	.....	362	6	...	284	218	55	1,204	267
1953	280	71	.....	496	5	50	180	307	52	1,441	277
1954	454	44	.....	329	7	77	271	231	79	1,492	326
1955	417	54	.....	323	6	111	258	211	89	1,469	324
1956	461	39	.....	155	11	86	216	333	162	1,463	287
1957	321	20	.....	65	46	61	89	266	120	988	290
1958	624	19	.....	719	26	70	156	245	164	2,023	433
1959	1,082	13	.....	236	12	75	229	331	225	2,203	514
1960	1,302	17	.....	859	6	65	827	230	183	3,489	908
1961	2,342	17	.....	1,072	9	193	812	217	97	4,759	1,204
1962	2,180	25	.....	583	7	73	349	263	95	3,575	802
1963	1,669	8	1	539	6	77	269	225	154	2,948	651
1964	1,442	9	1	602	6	98	320	286	254	3,018	711
1965	1,083	13	1	167	4	62	407	245	304	2,286	627
1966	653	4	.....	152	3	96	348	218	484	1,958	466
1967	527	5	2	149	4	141	381	185	350	1,744	464
1968	263	5	4	71	6	121	356	325	303	1,454	509
1969	86	2	.....	141	4	95	493	194	421	1,436	511
1970	53	2	.....	245	1	61	607	21	262	1,252	437
1971	66	4	.....	261	2	58	553	10	352	1,306	424

Yield of Ontario Fisheries By Species -LAKE HURON (NORTH CHANNEL)- in 000's lbs. and 000's Dollars

Year	Lake Trout	Northern Pike	Yellow Perch	Sturgeon	Suckers	Whitefish	Yellow Pickerel	Others	Total Catch	Total Value
1946	6	81	2	7	...	25	28	141	290	\$ 42
1947	3	43	2	4	...	77	43	95	267	41
1948	23	42	1	7	...	147	80	145	445	85
1949	53	30	5	7	...	273	63	119	550	112
1950	71	32	12	7	...	310	72	164	668	142
1951	86	28	6	5	...	202	56	165	548	130
1952	65	38	14	4	...	116	52	20	433	84
1953	23	51	17	15	114	134	51	27	458	88
1954	14	69	5	31	104	95	45	32	395	64
1955	2	36	2	15	70	57	38	24	244	56
1956	1	35	2	11	35	57	32	15	188	50
1957	...	27	1	7	46	63	29	19	192	48
1958	...	29	4	7	45	128	33	9	255	84
1959	...	16	4	5	52	54	29	11	171	68
1960	...	22	9	7	74	35	41	18	206	57
1961	...	45	14	8	27	119	13	20	246	74
1962	...	30	31	9	42	104	20	16	252	68
1963	...	34	19	11	35	34	29	10	172	49
1964	...	25	29	9	36	93	15	7	214	65
1965	...	19	88	11	46	37	14	74	289	61
1966	...	21	16	16	40	75	19	22	209	74
1967	...	25	9	13	38	79	21	22	207	70
1968	...	16	14	15	56	99	17	30	247	85
1969	...	11	9	11	47	160	19	56	313	125
1970	...	21	7	11	73	176	35	52	375	124
1971	...	16	15	7	...	...	...	...	...	...

Year	Carp	Chub	Lake Herring	Lake Trout	Northern Pike	Sturgeon	White- Fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	46	25	21	696	25	1	246	44	188	1,292	\$ 332
1947	21	21	15	368	7	...	87	21	126	666	181
1948	39	48	17	312	19	1	245	160	72	913	268
1949	42	50	28	343	22	1	805	206	66	1,563	465
1950	35	72	63	351	12	1	2,189	133	56	2,912	800
1951	35	74	26	480	8	2	3,203	69	40	3,937	1,450
1952	29	42	35	550	14	1	5,217	52	36	5,976	1,545
1953	37	128	15	323	20	1	6,242	94	57	6,917	1,737
1954	96	123	12	154	18	2	3,743	109	60	4,317	1,450
1955	110	64	12	67	19	4	1,634	117	46	2,073	845
1956	73	70	17	48	15	5	670	77	110	1,085	366
1957	95	140	10	19	7	4	248	38	57	618	201
1958	77	109	4	11	7	3	90	29	32	362	98
1959	22	3	3	1	6	3	49	62	52	201	61
1960	37	29	2	1	4	2	57	40	47	219	61
1961	13	31	1	1	6	1	96	33	19	201	61
1962	21	82	1	.....	10	2	130	61	41	348	95
1963	66	104	1	.....	12	2	207	99	64	555	164
1964	24	121	2	.....	11	3	232	93	249	735	190
1965	10	409	2	.....	11	2	171	72	316	993	234
1966	21	286	3	.....	7	1	157	41	235	751	171
1967	38	227	5	.....	16	2	148	61	218	715	167
1968	21	180	17	.....	11	...	286	61	152	728	222
1969	27	156	11	.....	10	1	196	74	106	581	184
1970	6	127	11	.....	8	1	207	52	86	498	176
1971	2	613	20	.....	12	1	183	71	167	1,069	330

Yield of Ontario Fisheries by Species -- LAKE SUPERIOR -- in 000's lbs and \$000's

Year	Chub	Lake Herring	Lake Trout	Menominee	Sauger	Sturgeon	White-Fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	33	1,511	1,531	...	...	2	275	120	117	3,589	\$ 639
1947	33	1,017	1,286	...	...	1	246	155	92	2,830	503
1948	30	1,295	1,447	...	...	1	306	116	176	3,371	675
1949	12	1,255	1,356	...	...	1	277	125	162	3,188	561
1950	29	505	1,506	...	...	1	341	145	128	2,655	626
1951	45	763	1,273	...	...	2	341	200	227	2,851	641
1952	94	993	1,389	16	124	2	268	163	78	3,127	661
1953	88	745	1,371	8	38	4	282	158	77	2,771	590
1954	91	920	1,266	6	72	5	328	135	67	2,890	565
1955	312	708	1,003	6	49	6	254	130	72	2,540	523
1956	112	821	527	12	69	3	303	186	112	2,145	389
1957	148	1,696	324	12	57	6	285	217	52	2,797	344
1958	125	1,744	366	11	100	6	287	164	68	2,871	376
1959	117	2,833	238	17	68	5	210	271	91	3,850	377
1960	103	2,117	122	54	19	11	99	249	54	2,828	270
1961	81	1,777	48	7	38	8	119	227	48	2,353	214
1962	69	2,570	70	10	52	3	148	174	50	3,146	239
1963	81	2,319	112	11	63	2	161	167	57	2,973	271
1964	42	1,935	106	56	59	1	133	216	134	2,682	249
1965	63	1,553	102	18	18	2	135	291	88	2,270	283
1966	12	1,135	108	8	8	2	134	377	62	1,846	327
1967	8	1,854	202	6	22	3	150	274	49	2,568	351
1968	5	2,649	193	21	17	2	212	119	147	3,365	403
1969	8	2,396	202	19	12	3	211	24	76	2,951	403
1970	4	2,902	168	13	8	1	206	9	71	3,382	428
1971	52	2,577	150	14	1	1	...	...	...	...	...

Year	Goldeye	Lake Trout	Northern Pike	Sauger	Sturgeon & Caviar	Tullibee	White-Fish	Yellow Pickerel	Other	Total Catch	Total Value
1946	...	148	744	..	146	162	1,417	1,621	481	4,719	\$ 896
1947	...	151	898	11	136	138	1,156	1,688	624	4,802	777
1948	28	144	806	6	145	139	1,268	1,636	457	4,629	905
1949	50	94	909	..	139	169	1,627	1,706	560	5,254	764
1950	84	106	784	..	122	170	1,738	1,597	628	5,229	881
1951	114	110	915	28	99	210	1,733	1,801	718	5,728	1,035
1952	102	172	965	31	137	241	1,759	1,847	967	6,221	1,072
1953	34	133	831	48	105	329	1,604	1,606	1,390	6,080	795
1954	87	120	1,008	37	81	243	1,674	1,568	1,262	6,080	789
1955	6	110	824	44	71	192	1,497	1,437	1,446	5,627	732
1956	84	62	773	46	71	274	1,643	1,593	1,332	5,878	823
1957	31	153	820	29	83	184	1,658	1,572	1,234	5,764	815
1958	22	244	923	58	149	411	1,855	2,048	1,606	7,316	1,039
1959	15	282	923	40	114	373	2,203	2,323	1,344	7,617	1,090
1960	33	161	878	58	121	430	2,409	2,258	1,886	8,234	1,035
1961	24	129	842	61	119	539	2,180	2,262	1,810	7,966	1,019
1962	34	137	850	78	80	494	2,544	2,539	1,816	8,572	1,171
1963	20	140	887	72	81	475	2,320	2,315	2,130	8,440	1,170
1964	28	117	1,033	78	58	430	2,324	2,047	1,823	7,938	1,047
1965	19	74	1,029	58	55	336	2,378	1,954	1,681	7,584	1,230
1966	7	66	935	51	44	315	1,976	2,048	1,568	7,010	1,314
1967	11	98	863	57	25	402	1,785	1,739	1,645	6,625	1,002
1968	2	103	863	51	32	232	1,861	1,666	2,001	6,811	1,136
1969	..	80	787	38	42	211	1,805	1,200	1,914	6,077	1,149
1970	1	31	695	47	31	98	1,619	1,211	1,658	5,391	1,066
1971	1	37	506	30	32	65	1,079	1,016	1,298	4,064	837

Yield of Ontario Fisheries By Species - SOUTHERN INLAND WATERS - in 000's pounds & 000's Dollars

Year	Bullhead & Cattish	Carp	Lake Herring	Northern Pike	White Perch	Yellow Perch	Sturgeon	Whitefish	Others	Total Catch	Total Value
1946	159	193	...	7	...	5	...	...	315	679	\$ 71
1947	155	100	...	6	...	4	...	...	183	448	48
1948	251	117	...	4	...	4	...	...	357	734	84
1949	203	124	...	2	...	3	...	...	268	607	74
1950	208	137	...	...	...	4	3	...	204	556	62
1951	201	207	...	...	...	5	25	...	269	707	114
1952	196	221	...	3	...	1	11	...	246	678	80
1953	261	181	...	5	...	3	35	...	342	827	103
1954	204	212	...	3	...	4	20	...	269	712	75
1955	199	197	...	...	...	2	16	...	201	615	64
1956	175	235	...	1	...	4	...	...	180	593	57
1957	160	129	1	...	...	3	5	4	191	493	55
1958	170	174	...	...	...	6	23	...	319	544	66
1959	119	112	...	...	...	4	18	...	179	432	54
1960	142	276	...	...	...	7	12	...	149	586	58
1961	110	444	...	...	...	17	19	...	156	746	87
1962	141	364	...	4	...	7	8	...	120	644	75
1963	304	337	...	1	...	6	11	...	204	863	102
1964	190	227	...	3	...	10	6	...	147	582	73
1965	185	119	...	1	3	14	6	...	110	438	61
1966	192	150	...	2	2	5	7	60	162	581	80
1967	183	166	...	3	1	7	16	34	224	634	92
1968	210	109	...	3	...	5	9	14	205	554	83
1969	216	131	28	3	1	14	11	9	216	629	101
1970	89	139	3	4	5	32	...	5	159	436	50

TOTAL LICENCES SOLD

Year	ANGLING		HUNTING		
	Resident	Non-Res.	Resident	Non-Res.	Total
1944	.....	89,291	132,376	5,168	137,544
1945	.....	126,367	186,680	9,451	196,131
1946	.....	171,400	219,916	14,556	234,472
1947	.....	196,785	240,667	16,877	257,544
1948	3,730	224,898	262,760	17,800	280,560
1949	4,434	240,278	281,980	16,526	298,506
1950	5,110	237,191	297,974	19,187	317,161
1951	4,785	272,180	330,730	16,480	347,210
1952	4,695	287,997	368,854	9,330	378,184
1953	4,712	308,500	354,322	15,237	369,559
1954	6,400	366,150	384,300	17,950	402,250
1955	6,450	377,220	432,150	16,800	448,950
1956	12,624	376,000	428,298	16,883	445,181
1957	15,806	397,435	465,825	17,428	483,253
1958	18,678	380,036	509,599	18,712	528,311
1959	22,005	389,811	507,975	19,751	527,726
1960	10,516	406,239	529,553	21,330	550,883
1961	11,735	422,378	522,184	22,273	544,457
1962	11,200	433,308	544,662	23,912	568,574
1963	11,276	478,736	574,027	23,335	597,362
1964	13,263	495,135	564,305	24,407	588,712
1965	12,982	533,154	616,306	29,547	645,853
1966	13,249	571,453	621,942	37,764	659,706
1967	13,566	578,811	632,197	39,287	671,484
1968	83,247	615,611	540,383	44,270	584,653
1969	603,670*	630,375	509,077	44,023	553,100
1970	562,604	605,320	507,732	37,622	545,354
1971	117,750	652,335	514,524	39,205	553,729

*Resident Angling Licence introduced January 1, 1969.

FISH DISTRIBUTED FROM ONTARIO HATCHERIES IN 1971

Key: EE - Eyed Eggs Fy - Fry		Fg - Fingerlings Yg - Yearlings		II - Two Year Olds Ax - Adults		OTHER SPECIES		
HATCHERY	BROOK TROUT	LAKE TROUT	RAINBOW TROUT	SMALL MOUTH BASS	Chinook	Splake	Coho	
CHATHSWORTH	...	...	...	...	89,300 Fy	174,950 Fg	160,045 Yg	...
	...	8,580 Yg	...	...	...	285,040 Yg	...	...
	160,935 Yg	11,673 II	...	...	...	...	...	...
CODRINGTON	53,046 Yg	...	39,485 Yg	...	...	Maskinonge	...	...
DEER LAKE	...	...	...	...	...	...	...	...

	54,874 Yg	24,225 Yg	62,620 Yg	...	Coho	1,865,000 Fy	...	...
DORION	376,900 Fg	93,920 Fg	38,000 Fg	...	...	22,250 Fg	...	...
	41,925 Yg	244,290 Yg	60,860 Yg	...	...	...	...	...
	4,260 II	...	...	...	27,140 Yg	...	...	...
HILL LAKE	49,500 Fg	...	53,479 Fg	...	...	...	...	...
	163,050 Yg	66,000 Yg	...	...	...	...	...	...
	34,500 II	...	...	...	...	...	...	...
	998 Ax	...	...	...	...	...	...	...
MIDHURST	50,200 Yg	...	...	...	...	...	...	...
NORMANDALE	...	...	80,000 EE	...	...	...	...	...
	...	...	273,000 Fy	...	...	...	...	...
	...	...	137,256 Fg	...	...	...	...	...
	...	...	138,633 Yg	...	...	...	...	...
	...	...	42,876 II	...	...	...	...	...
NORTH BAY	...	201,218 Yg	161,300 Yg	...	...	Splake	...	...
PEMBRROKE	19,456 Fg	...	...	...	...	6,000 Fg	...	...

[illegible]

In addition 3,429,400 Kokanee fry and fingerlings were distributed from Warton, Sandfield, Glenora and South Baymouth Stations.

DISTRIBUTION OF HATCHERY FISH ----Number of Fish Planted in 000's

SPECIES	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
BASS, Largemouth											
Fry.....	...	55	45	112	81	42	68	60	9	...	...
Fingerling.....	25	112	93	91	108	147	75	50	56	22	...
Yearling and Adult..	...	...	...	...	...	...	...	2	...	...	...
BASS, Smallmouth											
Fry.....	230	147	134	52	58	36	98	38	86	99	127
Fingerling.....	270	177	288	239	231	216	212	91	114	29	9
Yearling and Adult..	1	...	...	...	...	...	...	...	...	...	...
HERRING											
Eyed Egg.....	...	...	...	...	...	1,150	7,030	...	...	...	...
Fry.....	...	...	...	...	...	...	2,000	...	...	...	...
KOKANEE											
Eyed Egg.....	...	...	...	...	683	923	310	...	...	...	...
Fry.....	...	...	...	...	1,609	943	385	413	572	...	...
Fingerling.....	...	...	...	...	288	...	211	59	63	...	...
MASKINONGE											
Fry.....	2,833	2,970	1,870	1,530	1,850	1,303	2,650	2,400	2,958	2,700	1,865
Fingerling.....	75	24	27	26	25	...	12	27	33	27	22
Adult.....	...	...	...	...	...	...	...	...	...	...	...
PICKEREL, Yellow											
Eyed Egg.....	27,065	20,500	7,200	14,000	15,600	10,000	13,055	6,240	10,750	12,700	11,200
Fry.....	...	8,994	11,440	1,353	...	8,232	28,000	189	1,300	31	32
Fingerling.....	67	201	217	...	56	...	42	5	14	...	...
Adult.....	...	...	...	...	...	...	...	...	...	...	...
SPLAKE											
Egg.....	...	...	...	...	...	...	...	...	...	...	...
Fingerling.....	...	...	...	...	...	...	20	...	...	...	...
Yearling.....	97	112	114	88	...	69	1	2	...	...	181
2 Year.....	6	...	2	12	21	...	119	36	64	257	320
Adult.....	...	...	...	...	16	...	10	...	...	...	...
	...	...	...	...	...	...	...	...	...	1	...

SALMON, Coho											157	178	187
Yearling.....											...	...	...
TROUT, Lake													
Eyed Egg.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Fry.....	44	...	...	...	20	...	...	...	...	...	...	...	...
Fingerling.....	370	13	...	...	...	...	...	...	...	...	...	...	...
Yearling.....	715	240	186	...	...	...	...	...	...	...	...	...	...
2 Years and Up.....	8	989	950	827	9	...	...	...	...	...	...	...	...
TROUT, Rainbow													
Egg.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Eyed Eggs.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Fry.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Fingerling.....	102	60	...	...	...	...	...	...	...	...	...	...	...
Yearling.....	229	291	173	269	63	...	...	...	...	...	...	...	...
2 Years and Up.....	...	9	11	...	...	...	...	...	...	...	...	...	...
TROUT, Brook													
Eyed Egg.....	30	494	575	674	...	...	...	...	...	...	...	...	...
Fry.....	...	...	...	...	...	...	...	...	...	...	...	...	...
Fingerling.....	764	651	392	600	...	...	...	...	...	...	...	...	...
Yearling.....	2,052	1,655	1,883	1,819	1,599	1,599	1,599	1,599	1,599	1,599	1,599	1,599	1,599
2 Years and Up.....	73	75	73	69	29	29	29	29	29	29	29	29	29
MISCELLANEOUS													
Egg.....	...	53	...	...	...	...	...	...	...	...	...	...	...
Eyed Egg.....	13,878	...	...	...	...	...	...	...	...	...	...	...	...
Fry.....	53,685	46,575	46,351	24,030	19,845	19,845	19,845	19,845	19,845	19,845	19,845	19,845	19,845
Fingerling.....	1	1	...	4	...	...	...	...	...	...	...	...	...
Yearling.....	6	...	5	4	...	...	...	...	...	...	...	...	...
Adult.....	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL.....											102,623	84,401	72,042
											48,042	49,294	47,024
											63,110	13,886	22,004
											20,345	18,248	...

WOLF BOUNTY

BEAR BOUNTY

Year	12 mts. and over \$10 each	Under 12 mts. \$5 each	Total Amount Paid	Timber	Brush	Pups	Total	Total Amount Paid
1947	959	73	\$9,735	1,440	1,182	42	2,664	\$59,275
1948	509	17	5,095	1,515	961	74	2,540	54,923
1949	592	67	6,035	1,581	1,062	84	2,727	57,977
1950	803	122	8,530	1,613	1,890	41	2,544	56,927
1951	453	47	4,645	1,405	651	44	2,100	46,457
1952	408	29	4,180	1,198	634	63	1,895	41,803
1953	662	57	6,805	1,313	739	68	2,120	46,550
1954	947	145	10,000	1,101	720	70	1,891	41,853
1955	1,126	99	11,590	1,075	620	41	1,736	38,703
1956	614	50	6,210	1,088	559	28	1,675	37,550
1957	611	50	6,225	1,195	486	71	1,752	38,950
1958	1,568	300	16,930	1,047	574	34	1,655	37,255
1959	1,084	116	11,145	1,169	606	49	1,824	41,589
1960	697	139	7,590	939	528	42	1,509	33,619
1961	401	46	4,150	1,320	761	57	2,138	48,766
1962	*328	*33	*3,405	1,136	794	68	1,998	44,510
1963	(Payment ended on July 27, 1961)			1,276	691	64	2,031	44,664
1964	....	....	....	1,342	862	61	2,265	44,999
1965	....	....	....	1,638	1,052	63	2,753	59,997
1966	....	....	....	1,593	1,195	44	2,832	59,937
1967	....	....	....	1,578	1,277	45	2,900	59,084
1968	....	....	....	1,644	1,342	81	3,067	61,996
1969	....	....	....	1,370	1,542	51	2,963	62,025
1970	....	....	....	1,255	2,047	43	3,345	69,996
1971	....	....	....	1,469	2,061	49	3,579	67,984
1972	....	....	....	1,156	2,099	53	3,308	58,072

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR+		SMALL GAME	
	Resident	Non-Res.	Total	Resident	Non-Res.	Total	Resident	Non-Res.
1946	62,913	7,877	70,790	1,694	1,230	2,924	...	783
1947	67,299	11,193	78,492	2,270	1,516	3,786	...	548
1948	73,700	11,300	85,000	3,000	1,700	4,700	...	1,600
1949	76,274	12,050	88,324	*	*	*	...	1,176
1950	84,380	12,440	96,820	*	*	*	...	1,127
1951	89,290	10,400	99,690	1,400	*	1,400	...	1,120
1952	96,790	** 870	97,660	3,620	*	3,620	...	3,060
1953	92,785	8,300	101,085	5,196	637	5,833	...	2,490
1954	92,800	10,400	103,200	7,500	730	8,230	...	1,520
1955	105,150	8,050	113,200	9,000	990	9,990	...	1,750
1956	98,079	7,426	105,505	13,441	1,521	14,962	...	2,031
1957	106,620	6,743	113,363	17,367	1,890	19,257	...	2,703
1958	109,322	6,044	115,366	22,688	2,362	25,050	...	4,803
1959	102,960	5,988	109,948	26,349	3,431	29,780	...	4,089
1960	114,400	6,004	120,404	31,948	4,212	36,160	...	3,828
1961	106,160	5,788	111,948	38,977	5,775	44,752	...	3,607
1962	121,735	5,913	127,648	39,470	6,675	46,145	...	1,922
1963	114,510	6,351	120,861	43,144	7,261	50,405	307	2,038
1964	124,182	6,562	130,744	40,188	7,639	47,827	354	2,208
1965	130,636	7,242	137,878	60,281	10,057	70,338	414	2,697
1966	137,429	8,858	146,287	48,498	12,698	61,196	583	3,960
1967	139,253	9,001	148,254	51,602	12,875	64,477	813	4,924
1968	102,579	7,672	110,251	51,795	14,923	66,718	964	8,394
1969	97,659	6,572	104,231	49,867	15,103	64,970	1,142	9,448
1970	88,020	5,500	93,520	56,198	10,037	66,235	1,359	14,585
1971	84,655	5,750	90,405	57,477	11,130	68,607	1,517	14,585

*Closed Season.

PROSECUTIONS in years ending March 31st

Year	Seiz- ures	Public Sales	*Total Sales	Convic- tions	Collected Costs	Fines
1947	1,844	\$.....	\$37,202	2,040	\$1,216	\$44,267
1948	.....	4,700	.....	2,880	.....	.....
1949	2,015	15,514	16,742	2,302	1,453	46,947
1950	2,697	7,053	17,222	2,704	1,746	45,808
1951	2,619	9,751	21,534	2,728	1,507	47,622
1952	2,763	9,422	23,847	2,862	1,476	48,335
1953	2,872	.....	23,633	2,880	1,387	50,460
1954	2,975	.....	25,157	3,052	1,442	47,715
1955	3,005	9,239	27,009	3,102	1,274	52,088
1956	2,929	7,414	23,213	2,895	1,281	44,444
1957	2,751	9,389	24,596	2,704	1,204	43,895
1958	2,996	9,392	24,320	2,993	1,602	47,443
1959	2,472	10,397	25,018	2,525	1,183	42,876
1960	2,290	9,236	20,612	2,228	1,186	45,136
1961	2,424	9,698	19,217	2,160	1,064	48,557
1962	2,050	7,431	15,159	2,049	927	43,720
1963	2,186	8,544	18,183	2,045	937	47,389
1964	2,508	8,929	22,975	2,276	1,284	46,439
1965	2,216	11,421	22,863	2,236	.....	48,442
1966	2,581	9,604	23,392	2,347	1,042	53,127
1967	2,942	11,235	26,264	2,626	.....	60,658
1968	3,404	13,261	30,599	3,239	1,274	81,420
1969	3,557	19,574	35,879	3,489	**	**
1970	5,127	21,097	39,089	4,648	**	**
1971	4,253	***	***	***	**	**

*Includes Redemptions.

**Reported directly to the Department of Justice from 1969.

***Transferred to Field Offices.

REFORESTATION ESTABLISHMENTS

As at March 31st, 1972

SEED PLANT	YEAR ESTABLISHED
Angus	1923
TREE NURSERIES	
Chapleau	1956
Gogama	1956
Sault Ste. Marie	1956
FOREST STATIONS	
Dryden	1958
Kemptville	1946
Midhurst	1922
Orono	1922
St. Williams	1908
Swastika	1958
Thunder Bay	1946

Forest stations include tree nurseries and demonstration forests.

NURSERY STOCK

From Department Nurseries in Year Ended March 31st, 1972.

Tree Species	For Use on Private Land	For Use on Crown Land and Agreement Forests	Educational or Scientific	TOTAL
White Pine	2,135,125	3,550,575	106,925	5,792,625
Red Pine	4,706,975	4,732,050	101,875	9,540,900
Jack Pine	744,150	9,913,568	38,725	10,696,443
Scotch Pine	1,275,950	6,425	4,250	1,286,625
White Spruce ...	4,213,200	25,748,764	72,450	30,034,414
Black Spruce ...	60,900	15,747,943	3,500	15,812,343
Norway Spruce..	515,325	5,450	4,475	525,250
Red Spruce	225	395,450	300	395,975
White Cedar	463,575	17,550	1,850	482,975
European Larch.	186,375	2,500	175	189,050
Tamarack	107,950	49,200	275	157,425
White Ash	10,325	.....	1,425	11,750
Silver Maple....	312,775	49,475	6,850	369,100
Red Oak	119,725	3,400	1,535	124,660
Carolina Poplar.	279,475	13,750	125	293,350
Black Locust ...	91,925	4,200	25	96,150
Black Walnut ...	356,125	31,780	75	387,980
Basswood	13,925	1,650	1,125	16,700
Other Species...	72,182	307,354	4,140	383,676
TOTAL	15,666,207	60,581,084	350,100	76,597,391

FOREST TREE PRODUCTION BY DEPARTMENT NURSERIES

PERIOD	NO. OF TREES
1905-1912	1, 480, 53
1913-1925	13, 096, 86
1925-1930	46, 642, 17
1930-1935	51, 996, 83
1935-1940	67, 900, 01
1940-1945	57, 617, 76
1945-1946	13, 175, 57
1946-1947	12, 269, 53
1947-1948	13, 049, 77
1948-1949	17, 700, 97
1949-1950	19, 027, 80
1951-1952	20, 749, 26
1952-1953	24, 241, 75
1953-1954	23, 448, 86
1954-1955	25, 519, 38
1955-1956	28, 351, 48
1956-1957	31, 081, 11
1957-1958	25, 854, 26
1958-1959	33, 414, 11
1959-1960	41, 682, 12
1960-1961	49, 833, 41
1961-1962	43, 194, 86
1962-1963	43, 767, 91
1963-1964	43, 922, 68
1964-1965	49, 484, 06
1965-1966	49, 019, 85
1966-1967	51, 712, 46
1967-1968	54, 805, 17
1968-1969	52, 157, 15
1969-1970	62, 623, 49
1970-1971	68, 182, 71
1971-1972	76, 597, 39
TOTAL	1, 213, 601, 395

NEW POLICIES

31
61
73
97
2
38
51
3
6

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS in years ending March 31st

COUNTY OR DISTRICT	1968	1969	1970	1971	1972	Five - Year Total 1968-1972
Algonia.....	75,050	152,250	110,450	92,325	116,300	546,375
Brant.....	163,050	96,650	292,625	226,175	237,175	1,015,675
Bruce.....	96,750	204,250	220,300	254,852	249,035	1,025,187
Carleton.....	134,000	304,475	330,325	576,675	523,280	1,430,280
Cochrane.....	7,525	12,200	....	29,300	.....	49,025
Dufferin.....	307,225	431,675	508,100	456,275	426,360	2,129,635
Dundas.....	26,475	75,600	131,975	86,325	40,525	360,900
Durham.....	275,500	466,700	414,375	619,071	439,234	2,214,880
Elgin.....	65,625	138,725	292,075	327,900	330,370	1,154,695
Essex.....	67,675	47,350	51,750	84,350	123,685	374,810
Frontenac.....	161,925	140,675	281,650	280,925	222,050	1,087,225
Glengarry.....	276,350	200,825	301,100	187,025	317,930	1,283,230
Grenville.....	187,450	322,725	416,575	431,150	531,300	1,889,200
Grey.....	417,925	414,450	616,016	858,235	713,394	3,020,020
Haldimand.....	72,125	56,200	98,375	112,190	112,750	451,640
Haliburton.....	28,600	16,050	25,800	186,150	153,550	410,150
Halton.....	215,575	363,975	287,975	428,150	273,457	1,569,132
Hastings.....	161,725	308,450	467,425	572,000	540,075	2,049,675
Huron.....	93,800	25,650	93,110	193,550	159,915	566,025
Kenora.....	143,325	57,575	8,350	187,400	251,550	648,200
Kent.....	58,600	19,050	39,227	30,050	93,750	240,677
Lambton.....	91,975	59,280	52,050	99,445	62,050	364,800
Lanark.....	130,875	274,450	391,950	488,925	626,600	1,912,800
Leeds.....	60,225	178,450	180,850	277,775	378,756	1,076,056
Lennox & Addington...	54,325	68,425	100,165	162,375	120,875	506,142

Lincoln.....	70,050	54,875	68,125	71,500	70,174	300,122
Manitoulin.....	156,850	3,275	11,150	7,175	3,550	182,000
Middlesex.....	234,650	205,946	247,153	349,341	552,522	1,589,612
Muskoka.....	268,800	157,550	186,875	194,050	146,285	953,560
Nipissing.....	122,425	40,975	12,075	69,325	84,925	329,725
Norfolk.....	262,500	211,550	251,914	191,470	241,655	1,159,089
Northumberland.....	119,225	317,325	263,000	362,043	383,255	1,444,848
Ontario.....	335,100	256,425	400,982	533,130	430,565	1,956,202
Oxford.....	360,125	139,850	245,150	293,900	340,327	1,379,352
Parry Sound.....	192,525	179,875	326,725	412,175	354,750	1,466,050
Peel.....	385,875	425,274	429,800	471,385	303,485	2,015,819
Perth.....	48,325	77,150	35,550	146,775	140,027	447,827
Peterborough.....	356,225	324,993	381,438	476,455	341,075	1,880,186
Prescott.....	90,775	397,925	159,375	301,800	249,150	1,199,025
Prince Edward.....	19,475	20,950	52,600	40,900	29,800	163,725
Rainy River.....	130,187	71,938	204,950	249,975	186,600	843,650
Renfrew.....	821,750	1,391,825	1,179,325	1,281,050	850,159	5,524,109
Russell.....	153,825	216,375	125,425	170,200	116,350	782,175
Simcoe.....	881,685	880,110	993,319	1,057,545	1,201,862	5,014,521
Stormont.....	46,000	100,375	86,325	64,325	136,385	433,410
Sudbury.....	145,675	110,800	117,675	255,050	251,875	881,075
Thunder Bay.....	185,175	200,325	559,700	276,275	328,260	1,549,735
Timiskaming.....	11,400	10,550	5,625	6,550	17,475	51,600
Victoria.....	37,850	47,789	263,150	115,575	184,400	648,764
Waterloo.....	200,250	256,775	297,025	235,325	199,902	1,189,277
Welland.....	191,400	170,175	220,325	144,425	206,700	933,025
Wellington.....	193,175	607,750	435,200	456,550	535,748	2,228,423
Wentworth.....	310,495	318,500	453,775	436,820	323,487	1,843,077
York.....	514,050	322,835	520,640	420,185	382,745	2,160,455
TOTAL.....	10,219,517	11,956,165	14,246,964	16,339,867	15,666,207	68,428,720

FOREST AREAS MANAGED BY THE MINISTER as of March 31, 1972

24 CONSERVATION AUTHORITIES	Date of Agreement	NUMBER OF ACRE	
		Added during 1971-72	Total
Ausable River	Dec. 13, 1951	.....	4,299.0
Cataraqui Region	Dec. 1, 1971	400.00	400.0
Cattfish Creek	Dec. 19, 1962	.....	501.0
Central Lake Ontario	Sept. 24, 1963	.....	195.0
Crowe Valley	Aug. 21, 1963	.....	200.00
Ganaraska Region	Jan. 31, 1947	.....	8,548.66
Grand River	Mar. 18, 1952	18.00	5,884.37
Hamilton Region	Oct. 19, 1962	.....	12.50
Lakehead Region	May 15, 1958	.....	1,266.70
Long Point	Dec. 2, 1954	260.00	5,826.23
Lower Thames Valley	Aug. 12, 1964	.....	300.00
Maitland Valley	Apr. 1, 1955	.....	949.00
Metropolitan Toronto and Region.....	Apr. 11, 1951	.....	1,928.00
Moirs River	Nov. 28, 1951	.....	16,497.00
Napanee Valley	Oct. 28, 1954	.....	6,666.00
Niagara Peninsula	June 6, 1963	.....	186.00
North Grey Region	June 25, 1958	.....	7,255.00
Otonabee Region	May 15, 1963	.....	2,220.00
Raisin Region	May 25, 1971	200.00	200.00
Sauble Valley	Sept. 29, 1959	.....	3,816.00
Saugeen Valley	Dec. 15, 1952	405.77	13,918.77
South Nation River	Mar. 28, 1960	532.00	3,842.80
Sydenham Valley	July 13, 1965	.....	150.00
Upper Thames River	Apr. 11, 1951	.....	3,443.32
Sub-Totals		1,815.77	89,027.29
11 TOWNSHIPS			
Bonfield	Apr. 1, 1952	.....	60.00
Charlottenburgh	Apr. 1, 1955	.....	175.00
Cramahe	Jan. 14, 1964	.....	162.00
Cumberland	May 29, 1952	.....	808.44
Darlington	Aug. 19, 1964	.....	140.00
Galway & Cavendish	Nov. 1, 1952	.....	619.00
Machar	Dec. 30, 1963	.....	90.00
Marlborough	Nov. 21, 1953	.....	200.00
Mosa	July 16, 1964	.....	144.00
Torbolton	Mar. 28, 1953	.....	430.80
Williamsburgh	Oct. 19, 1962	.....	400.00
Sub-Totals .....		.....	3,229.24

FOREST AREAS MANAGED BY THE MINISTER (Continued)

22 AGREEMENTS - 27 COUNTIES	Date of Agreement		NUMBER OF ACRES	
			Added during 1971-72	Total
Brant.....	Nov.	15, 1952	.....	50.00
Bruce.....	Jan.	20, 1950	.....	15,533.35
Dufferin.....	Nov.	26, 1930	100.00	2,505.00
Grey.....	Dec.	21, 1937	.....	8,378.08
Halton.....	Mar.	14, 1950	.....	1,498.63
Huron.....	Nov.	27, 1950	150.00	1,589.00
Kent.....	Dec.	23, 1953	.....	75.39
Lanark.....	July	5, 1940	544.00	5,721.00
Leeds & Grenville.....	Apr.	24, 1940	790.00	11,561.00
Lennox & Addington.....	Apr.	3, 1952	.....	1,186.00
Middlesex.....	Mar.	8, 1954	100.00	1,793.90
Northumberland & Durham.....	June	10, 1924	.....	5,834.63
Ontario.....	July	9, 1930	120.49	5,041.00
Oxford.....	Sept.	1, 1950	.....	716.56
Prescott & Russell.....	Mar.	15, 1937	507.00	25,509.93
Renfrew.....	Dec.	26, 1951	300.00	14,611.00
Simcoe.....	June	19, 1925	177.25	22,145.24
Stormont, Dundas & Glengarry.....	Sept.	20, 1949	.....	3,611.45
Victoria.....	Aug.	10, 1928	1,401.00	8,319.00
Waterloo.....	Apr.	17, 1950	.....	710.48
Wellington.....	June	18, 1964	.....	1,100.00
Wentworth.....	Nov.	27, 1952	.....	989.30
Sub-Totals.....			4,189.74	142,277.97
REGIONAL MUNICIPALITIES				
Ottawa-Carleton.....	July	30, 1964	.....	1,160.00
York.....	Mar.	27, 1924	.....	4,825.08
Sub-Totals.....			.....	5,985.08
GOVERNMENT OF CANADA				
National Capital Commission.....	Aug.	16, 1961	.....	3,632.00
TOTALS.....			8,046.96	238,398.82

TREES PLANTED ON FORESTS MANAGED BY THE MINISTER
in years ending March 31st

CONSERVATION AUTHORITY	1967	1968	1969	1970	1971	FIVE - YEAR TOTAL 1967 - 1971
Ausable River.....	168,925	143,900	161,620	39,400	17,000	530,845
Big Creek Region.....	11,000	.....	26,500	12,500	4,200	54,200
Catfish Creek.....	.....	9,200	3,000	.....	.....	12,200
Central Lake Ontario...	.....	.....	.....	.....	.....	.....
Crowe Valley.....	.....	.....	.....	.....	.....	.....
Ganaraska Region.....	28,000	39,775	.....	.....	.....	.....
Grand River.....	60,300	72,000	46,025	24,000	28,000	165,800
Lakehead Region.....	.....	40,000	23,500	16,000	16,100	187,900
Long Point.....	.....	.....	.....	5,000	.....	45,000
Maitland Valley.....	13,000	22,550	.....	.....	5,000	5,000
Metro Toronto & Region.	22,200	46,700	11,200	.....	10,000	45,550
Moirs River.....	60,000	61,250	20,000	15,200	17,200	112,500
Napanee Valley.....	.....	24,000	11,500	21,000	57,800	220,050
Niagara Peninsula.....	.....	.....	.....	12,000	.....	47,500
North Grey Region.....	57,525	11,900	.....	.....	.....	.....
Otonabee Region.....	30,000	.....	37,000	16,000	.....	.....
Otter Creek.....	28,000	.....	30,000	.....	12,000	122,425
Sauble Valley.....	36,900	.....	19,500	3,000	.....	72,000
Saugeen Valley.....	70,250	174,700	43,000	.....	.....	50,500
South Nation River.....	421,225	89,000	63,325	69,800	15,000	269,600
Sydenham Valley.....	.....	234,325	52,750	40,350	114,000	406,375
Upper Thames River.....	72,450	350	20,000	10,500	312,000	1,060,650
Lower Thames Valley....	7,025	.....	.....	10,000	.....	30,500
SUB-TOTAL.....	1,086,900	969,650	568,920	294,750	608,300	82,800
TOWNSHIP						7,025
Charlottenburgh.....	.....	.....	2,500	.....	.....	3,528,420
Cramahe.....	4,500	.....	.....	.....	.....	2,500
Cumberland.....	.....	.....	.....	.....	.....	4,500
Darlington.....	.....	.....	.....	.....	.....	.....
Mosa.....	5,000	.....	.....	.....	.....	.....
Galway, Cavendish.....	.....	.....	.....	.....	.....	5,000
Macchar.....	.....	.....	.....	.....	.....	.....
Marlborough.....	.....	.....	.....	.....	.....	.....
Torbolton.....	.....	.....	.....	40,000	.....	40,000
Williamsburgh.....	.....	.....	.....	109,000	.....	109,000
SUB-TOTAL.....	9,500	.....	2,500	201,000	.....	52,000
					.....	213,000

National Capital Commission.....		219,550	392,700	416,675	161,029	456,900	1,646,854
COUNTY							
Brant.....	.....	.....	.....	.....	.....	.....	.....
Bruce.....	67,000	.....	61,000	200	29,700	7,000	164,900
Carleton.....	.....	.....	84,000	50,000	.....	.....	134,000
Dufferin.....	3,000	.....	13,300	.....	8,300	20,000	44,600
Grey.....	99,450	.....	48,400	.....	.....	5,000	152,850
Haldon.....	35,100	.....	.....	27,950	4,000	26,500	93,550
Huron.....	5,800	.....	28,475	.....	.....	.....	34,275
Kent.....	.....	.....	.....	.....	.....	.....	.....
Lanark.....	78,000	.....	101,900	40,000	31,300	75,000	326,200
Leeds & Grenville.....	537,700	.....	689,250	670,300	478,100	300,000	2,675,350
Lennox & Addington.....	.....	.....	.....	.....	.....	.....	.....
Middlesex.....	7,825	.....	5,700	1,000	16,000	6,000	36,525
Northumberland and Durham.....	18,000	.....	35,000	10,000	26,250	7,000	96,250
Ontario.....	3,050	.....	.....	37,400	1,000	19,000	60,450
Oxford.....	29,250	.....	2,000	.....	.....	.....	31,250
Prescott & Russell.....	228,450	.....	204,875	158,000	272,200	172,700	1,036,225
Renfrew.....	338,400	.....	348,000	170,250	270,000	168,300	1,294,950
Simcoe.....	241,675	.....	251,000	322,325	257,750	363,100	1,435,850
Stormont, Dundas and Glengarry.....	14,000	.....	.....	.....	33,200	54,500	101,700
Victoria.....	.....	.....	.....	.....	.....	.....	.....
Waterloo.....	26,200	.....	22,000	9,000	3,500	3,000	63,700
Wellington.....	5,000	.....	.....	900	15,500	.....	21,400
Wentworth.....	6,500	.....	25,000	19,000	14,250	38,000	102,750
York.....	5,000	.....	.....	5,020	3,000	4,400	17,420
SUB-TOTAL.....	1,749,400	1,919,900	1,521,345	1,464,050	1,269,500	7,924,195	13,312,469
TOTAL.....	3,065,350	3,282,250	2,509,440	2,120,829	2,334,700		

**SILVICULTURAL OPERATIONS — Acreage for the
year ending March 31st, 1972.**

	Crown Land	Agreement Forests	*W.I.A.	Total Acres Treated
REGENERATION				
Planting				
Nursery Stock	78,008	2,331	9,343	89,682
Container Stock	9,947	.....	.....	9,947
Seeding	22,161	63	110	22,334
Modified Harvest Cut	27,517	25	53	27,595
Scarification	21,936	10	.....	21,946
Seed Trees	7,751	.....	.....	7,751
Total Regeneration	167,320	2,429	9,506	179,255
TENDING				
Hand Cleaning	16,170	2,571	81	18,822
Herbicide Spraying	24,311	711	692	25,714
Thinning, Improvement Cuts	9,358	3,127	2,892	15,377
Girdling, Frilling, Poisoning	20,474	418	1,875	22,767
Marking for Improvement Cuts	2,393	744	65	3,202
Pruning	4,392	2,187	352	6,931
Fertilization	1,177	6	.....	1,183
Drainage .....	.....	30	.....	30
Total Tending	78,275	9,794	5,957	94,026
TOTAL AREA TREATED ..	245,595	12,223	15,463	273,281
Site preparation for seeding, planting or modified harvest cutting	57,796	1,157	2,961	61,914

*Agreements under The Woodlands Improvement Act.

Operations	1968	1969	1970	1971	1972	FIVE-YEAR TOTAL 1968-1972
REGENERATION						
Site Preparation for						
Natural Regeneration....	16,838	16,704	20,978	14,293	21,936	90,569
Modified Harvest System..	9,200	9,747	8,808	6,664	27,517	61,936
Seed Tree System.....	1,718	3,260	13,498	4,227	7,751	30,454
Planting.....	78,134	77,168	79,076	76,639	87,955	398,972
Direct Seeding.....	11,135	9,618	11,154	21,311	22,161	75,379
Sub-Total:	117,025	116,497	133,514	123,134	167,320	657,490
TENDING						
Hand Cleaning.....	3,291	13,591	6,891	8,078	16,170	48,021
Herbicide Spraying.....	23,053	25,236	42,272	16,701	24,311	131,523
Thinning, Improvement, Cutting.....	8,011	7,296	6,111	5,742	9,358	36,518
Girdling, Frilling, Poisoning.....	1,854	7,085	5,841	5,060	20,474	40,314
Marking for Improvement						
Cutting.....				18,771	2,393	21,164
Pruning.....	441	1,582	898	3,722	4,392	11,035
Fertilization.....	118	95	1,014	1,177	1,177	3,581
Drainage.....			40			40
Sub-Total:	36,766	54,885	63,067	59,251	78,275	292,694
TOTAL.....	153,791	171,382	196,581	182,385	245,595	949,734
Site Preparation for Planting and Seeding.....	44,541	54,029	46,841	52,703	57,796	255,910
TOTAL AREA.....	198,332	225,411	243,422	235,088	303,391	1,205,644

NEW POLICIES

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TIMBER CUT ON CROWN LAND IN ONTARIO in 000's Cubic Feet and \$000's in years ending March 31st

Year	Permits Issued	+Sawlogs	*Long Timber	Pulpwood	Fuel Wood	††Misc.	Total Volume	Stumpage Value
1954	.....	58,144	851	225,659	3,647	26,840	315,141	\$10,756
1955	.....	73,522	2,378	245,988	4,804	8,114	334,806	11,658
1956	5,403	110,413	2,259	262,146	4,214	826	379,888	12,191
1957	5,192	96,953	2,781	289,985	4,517	858	395,054	13,514
1958	5,051	83,700	2,796	245,161	3,891	1,290	336,838	11,565
1959	5,421	80,157	2,644	207,003	3,968	1,836	295,608	10,297
1960	5,096	93,366	3,499	246,493	2,744	2,038	348,140	12,282
1961	5,114	107,824	2,720	232,744	2,678	1,146	347,112	12,182
1962	4,534	86,559	1,474	233,782	2,091	1,695	325,601	11,297
1963	4,664	101,999	1,267	237,423	1,965	3,195	345,850	12,091
1964	4,392	122,015	1,524	231,301	1,614	3,611	360,065	12,506
1965	3,095	127,469	2,467	240,209	1,601	4,463	376,209	13,455
1966	3,330	115,388	2,407	261,923	1,143	4,980	385,841	13,446
1967	2,805	93,541	1,966	321,161	1,028	5,773	423,469	14,582
1968	2,695	99,719	1,448	327,315	1,739	5,674	435,895	14,866
1969	2,459	82,845	1,112	304,784	646	6,749	396,136	13,809
1970	2,310	76,747	867	351,860	548	327	430,349	14,428
1971	2,333	60,520	891	333,565	600	209	395,785	12,829
1972	2,217	80,652	701	307,705	429	184	389,671	12,183

+ Includes veneer bolts and veneer logs.

* Includes piling, poles, dimension and boom timber.

†† Includes mining timbers, poker poles, posts, Christmas trees, other.

VOLUME OF WOOD CUT ON CROWN LAND BY SPECIES - 000's cubic feet in years ending March 31st

SPECIES	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
SOFTWOODS										
Balsam.....	11,174	10,219	11,454	10,044	11,366	14,525	12,225	13,677	11,464	10,656
Cedar.....	105	182	3,177	170	205	567	255	185	148	358
Hemlock.....	1,841	3,032	3,128	2,694	2,759	2,855	2,355	2,251	1,519	1,707
Jack Pine.....	78,485	82,239	89,613	99,390	111,791	107,875	114,166	121,391	115,284	127,311
Red Pine.....	6,029	6,446	7,297	6,767	6,962	7,022	4,572	4,571	3,767	3,897
Scotch Pine.....	.....	.....	17	.....	.....	.....	.....	.....	14	32
White Pine.....	21,930	24,409	24,769	24,702	22,073	.....	.....	.....	11,673	12,207
Spruce.....	182,327	183,756	195,017	197,935	223,502	220,569	198,982	221,448	203,886	183,011
Tamarack.....	39	28	98	73	86	120	61	22	11	48
Mixed Conifers...	828	453	445	419	449	659	302	356	257	106
HARDWOODS										
Ash.....	100	95	104	143	85	76	125	53	33	63
Basswood.....	434	575	480	465	360	462	392	325	262	426
Beech.....	278	483	359	480	432	351	255	332	218	381
White Birch.....	2,295	3,732	3,332	3,203	2,964	5,654	3,430	2,241	1,669	2,107
Yellow Birch.....	8,822	8,963	8,983	8,284	7,400	8,370	5,780	4,588	4,059	4,863
Butternut.....	2	2	1	1	1	2	1	1	.....	.....
Cherry.....	18	22	30	25	25	20	14	20	19	42
Elm.....	286	267	278	384	247	423	199	170	133	188
Maple.....	6,537	7,649	8,459	8,323	9,041	10,004	5,963	5,235	4,807	7,605
Oak.....	276	355	348	387	321	282	331	311	242	285
Poplar.....	22,907	25,995	20,654	21,205	21,260	27,682	22,535	24,994	21,338	23,848
Mixed Hardwoods...	1,137	1,162	1,166	744	2,140	4,062	6,705	13,889	14,983	10,530
TOTALS										
Softwoods.....	302,758	310,765	332,014	342,196	379,193	378,508	350,407	378,191	348,022	339,333
Hardwoods.....	43,092	49,300	44,195	43,645	44,276	57,388	45,730	52,159	47,762	50,338
All Species.....	345,850	360,065	376,209	385,841	423,469	435,895	396,137	430,350	395,785	389,671
Total Value*	12,057	12,473	13,417	13,416	14,528	14,832	13,809	14,428	12,829	12,183

(*\$000's, export levy not included)

NEW POLICIES

[illegible]

SUMMARY OF VOLUME AND VALUE OF TIMBER CUT ON CROWN LAND, 1971-72.

Class	Species	PCS.	Volume	Equivalent Cubic Feet	Stumpage \$
CORDAGE Pulpwood Rough	White Pine		5,461.11	464,195.55	11,218.97
	Red Pine		7,588.99	645,064.20	17,211.50
	Jack Pine		410,852.85	34,922,492.00	905,566.76
	Scots Pine		378.19	32,146.15	682.47
	Spruce		634,906.77	53,967,076.05	1,859,189.12
	Hemlock		3,277.63	278,598.55	6,185.34
	Balsam		35,359.99	3,005,597.95	69,757.91
	Cedar		867.83	73,765.55	1,936.78
	Tamarack		83.35	7,084.25	160.73
	Conifers		474.87	40,363.95	1,252.34
	Maple		489.67	41,621.95	477.37
	Yellow Birch		90.25	7,671.25	1,060.38
	White Birch		5,967.43	507,231.55	6,454.65
	Oak		24.43	2,076.55	18.32
	Ash		8.03	682.55	7.14
	Elm		235.28	19,998.80	352.69
	Basswood		1.15	97.75	0.88
	Black Cherry		0.32	27.20	0.24
	Poplar		130,574.63	11,098,843.60	89,306.09
	Hardwoods		13,376.94	1,136,869.09	38,746.67
	Total		1,250,319.71	106,251,504.49	3,009,586.35
Pulpwood Peeled	Jack Pine		8,117.94	811,794.00	19,888.72
	Spruce		52,867.98	5,286,798.00	196,723.06
	Balsam		9,432.94	943,294.00	20,699.17
	Tamarack		0.35	35.00	0.79
	White Birch		122.51	12,251.00	133.99
	Poplar		20,598.58	2,059,858.00	20,392.80
	Hardwoods		205.77	20,577.00	174.92
Total			91,346.07	9,134,607.00	258,013.45

Veneer Bolts	White Pine	247.70	21,054.50	718.34
	Jack Pine	294.38	25,022.30	618.20
	Spruce	2,736.88	232,634.80	8,567.26
	Balsam	3.63	308.55	9.30
	White Birch	2,197.71	186,805.35	1,726.68
	Poplar	16,857.47	1,432,884.95	12,673.65
Total		22,337.77	1,898,710.45	24,313.43
Fuelwood	Softwoods	651.37	55,366.45	393.78
	Hardwoods	4,396.24	373,680.40	4,355.06
Total		5,047.61	429,046.85	4,748.84
Total Cordage		1,369,051.16	117,713,868.79	3,296,662.07
LOGS, LONG TIMBERS				
Pulp Logs	White Pine	87,178	369,242.84	6,366.83
	Red Pine	19,509	74,334.74	2,108.13
	Jack Pine	1,060,616	5,329,674.87	100,847.72
	Spruce	4,443,219	15,929,183.21	465,782.38
	Hemlock	6,385	40,905.18	731.16
	Balsam	236,031	962,521.80	17,269.22
	Cedar	26	57.92	3.48
	Tamarack	15,825	124.63	2.24
	Maple	4,668	120,583.56	800.25
	Yellow Birch		32,614.98	204.13
	White Birch		1,682.32	35.27
	Oak		791.61	47.50
	Beech		123.70	7.42
	Ash		93.24	5.59
	Elm		165.66	9.95
	Basswood		364.36	21.86
	Ironwood		53.99	3.24
	Black Cherry		20.51	1.23
	Poplar	13	12,961.84	184.16
	Hardwoods	123,666	749,159.43	6,404.49
Total		5,997,136	23,624,660.39	600,836.25

Class	Species	PCS.	Volume	Equivalent Cubic Feet	Stumpage \$
Sawlogs (Cu. Ft.)	White Pine	119,975	1,661,702.04	1,661,702.04	99,604.10
	Red Pine	83,757	790,547.40	790,547.40	49,103.55
	Jack Pine	2,676,873	15,185,394.39	15,185,394.39	424,368.24
	Spruce	3,311,043	17,568,648.30	17,568,648.30	505,574.69
	Hemlock	3,167	21,627.60	21,627.60	402.57
	Balsam	95,153	482,403.64	482,403.64	13,245.51
	Cedar	2,587	128,761.41	128,761.41	1,095.78
	Tamarack	309	9,564.91	9,564.91	375.76
	Conifers		9,495.00	9,495.00	126.20
	Maple	19	4,777.19	4,777.19	119.91
	Yellow Birch	2,492	24,262.11	24,262.11	285.93
	White Birch	31,832	217,012.25	217,012.25	3,003.75
	Ash		3,461.95	3,461.95	67.60
	Basswood		17.00	17.00	0.34
	Ironwood		15.40	15.40	0.31
	Black Cherry	25	864.57	864.57	33.74
	Poplar	268,183	2,226,649.85	2,226,649.85	27,881.62
	Hardwoods	41,206	301,380.89	301,380.89	8,857.36
	Total	6,636,621	38,636,585.90	38,636,585.90	1,134,146.96
Veneer Logs (Cu. Ft.)	White Pine	332	2,828.74	2,828.74	129.42
	Jack Pine	5,798	38,548.19	38,548.19	952.17
	Spruce	77,656	561,358.51	561,358.51	19,363.65
	White Birch	31,519	260,405.86	260,405.86	5,666.59
	Poplar	763,180	4,887,489.84	4,887,489.84	61,893.65
Total		878,485	5,750,631.14	5,750,631.14	88,005.48

Long Timber

White Pine	3,240	33,548.80	3,114.21	33,548.80
Red Pine	22,429	421,906.66	44,236.74	421,906.66
Jack Pine	14,246	153,386.96	9,484.30	153,386.96
Spruce	7,534	37,478.30	2,632.49	37,478.30
Hemlock	1,225	40,388.68	2,372.79	40,388.68
Balsam	169	2,736.84	174.85	2,736.84
Cedar	292	4,154.64	248.76	4,154.64
Tamarack	175	2,024.00	80.97	2,024.00
Conifers	14	324.45	16.58	324.45
Maple	108	2,912.50	163.78	2,912.50
Yellow Birch	5	33.88	3.73	33.88
White Birch	19	82.06	5.42	82.06
Oak	21	164.33	10.87	164.33
Basswood	9	86.28	4.59	86.28
Poplar	82	1,460.99	80.10	1,460.99
Hardwoods	10	271.09	22.76	271.09
Total	49,578	700,960.46	62,652.94	700,960.46
White Pine	694,150	58,981.75	9,580,494.48	662,790.09
Red Pine	143,815	9,506.89	1,581,058.14	99,272.90
Jack Pine	44,161	1,119.93	231,525.43	7,218.79
Spruce	173,291	8,127.59	1,434,147.67	80,928.74
Hemlock	94,110	7,316.75	1,188,036.84	33,703.87
Balsam	15,497	342.56	70,608.33	4,577.29
Cedar	6,687	160.04	30,291.92	1,341.50
Tamarack	198	7.94	1,345.19	55.40
Maple	623,837	46,304.23	7,420,044.78	377,015.85
Yellow Birch	428,914	31,487.95	4,798,431.72	456,361.28
White Birch	96,760	4,675.47	777,703.87	28,481.99
Oak	30,858	1,676.09	281,513.79	18,066.67
Beech	37,240	2,333.16	380,554.95	10,214.89
Ash	6,713	348.05	58,627.17	3,766.82
Elm	11,070	1,063.52	168,186.79	10,252.88
Basswood	44,161	2,523.15	425,831.89	29,649.04
Butternut	11	.81	150.84	8.07
Ironwood	2	.10	15.80	1.00
Black Cherry	3,897	254.68	40,983.86	1,754.90
Poplar	100,225	5,124.47	898,720.46	22,524.49
Total	2,555,597	181,355.13	29,368,273.92	1,847,986.46

Class	Species	PCS.	Volume	Equivalent Cubic Feet	Stumpage \$
Veneer Logs N.B.M.	Maple	68	3.11	539.57	52.87
	White Birch	110	6.15	1,032.78	123.00
	Poplar	2	0.44	65.96	1.54
Total		180	9.70	1,638.31	177.41
Total Logs, Long Timbers		16,117,597		98,082,750.12	3,733,805.50
TREE LENGTH MATERIAL					
	White Pine	1,717	53,008.23	53,008.23	2,816.96
	Red Pine	181	8,405.68	8,405.68	314.78
	Jack Pine	5,121,330	53,171,944.51	53,171,944.51	1,396,127.38
	Spruce	12,843,675	75,983,307.87	75,983,307.87	2,733,634.98
	Balsam	914,752	5,010,172.81	5,010,172.81	100,971.65
	Tamarack	3,407	27,339.99	27,339.99	557.91
	White Birch	9,594	125,224.16	125,224.16	999.60
	Poplar	25,302	466,515.91	466,515.91	3,504.13
	Jack Pine	586,569	24,323.05 MBM	4,562,173.10	97,292.20
	Spruce	85,841	2,318.60	433,696.63	12,755.45
Total		19,592,368		139,841,788.89	4,348,975.04
HEIGHT MEASURE					
	White Pine		12,606.76	20,951.01	397.95
	Red Pine		238,841.97	375,846.63	24,679.16
	Jack Pine		7,241,038.31	12,879,053.50	283,118.50
	Spruce		6,241,145.29	11,575,024.03	371,682.72
	Hemlock		96,634.05	137,776.43	2,427.70
	Balsam		99,556.52	177,747.14	4,211.09
	Maple		10,389.20	14,841.00	2,649.25
	White Birch		12,286.20	17,551.71	3,225.13
	Poplar		474,060.81	762,566.14	9,725.95
	Hardwoods		5,528,888.13	7,887,040.57	91,470.61
Total			19,955,447.24	33,848,398.16	793,588.06

TIMBER LICENCES as of March 31st (Areas in square miles)

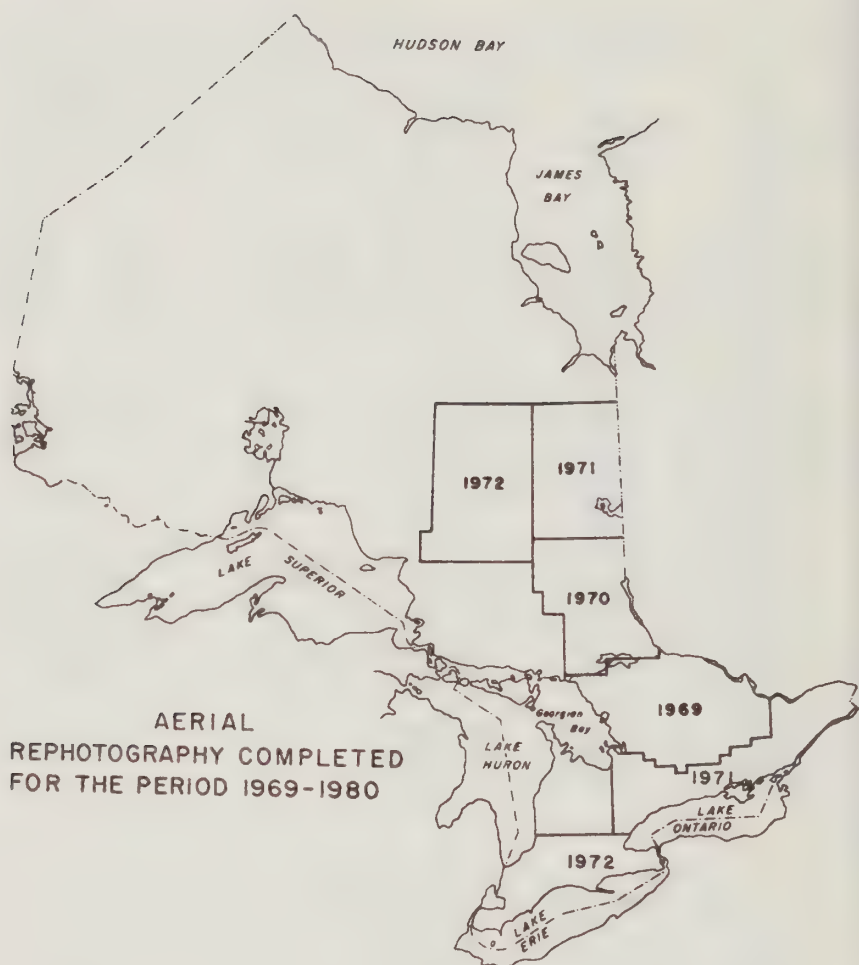
Year	Number of Licences	Area Under Section 2	Area Under Section 3	Area Under Section 5	Total Area Licensed
1956	748	6,140.05	88,273.71	170.26	94,585.02
1957	604	5,600.65	89,952.49	200.94	95,754.08
1958	586	5,354.80	98,149.46	181.33	103,685.59
1959	569	4,520.62	99,612.16	199.90	104,332.68
1960	573	4,206.22	99,818.60	186.98	104,211.80
1961	569	3,647.71	99,103.39	137.79	102,888.89
1962	569	3,563.07	99,347.87	154.26	103,065.20
1963	581	3,102.08	97,830.82	152.36	101,085.26
1964	562	2,556.89	99,679.49	18.20	102,254.58
1965	590	2,564.98	103,347.49	4.90	105,917.37
1966	533	2,466.68	100,362.79	1.20	102,830.67
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4

MANAGEMENT UNITS as of March 31st

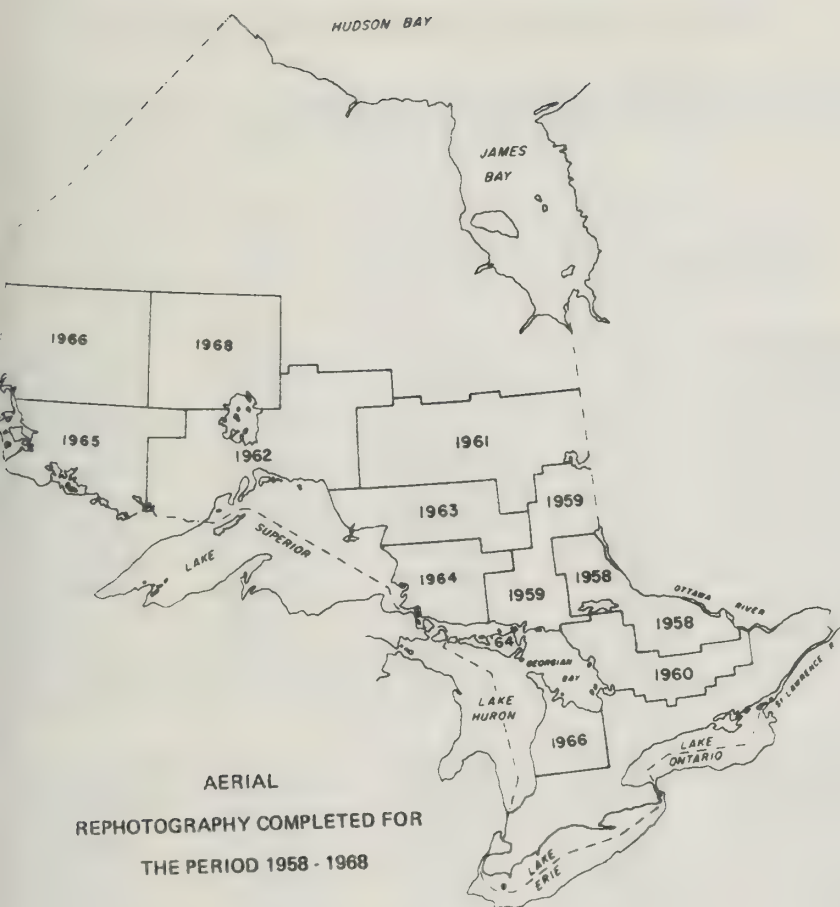
Year	Crown	CROWN LAND Company	Total	AGREEMENT FOREST
1954	87	36	123	..
1955	81	36	117	..
1956	82	39	121	..
1957	80	41	121	..
1958	81	43	124	..
1959	77	48	125	..
1960	72	101	173	42
1961	76	79	155	42
1962	78	79	157	42
1963	79	77	156	42
1964	81	75	156	46
1965	81	71	152	59
1966	78	67	145	60
1967	78	66	144	60
1968	77	66	143	60
1969	77	57	134	60
1970	79	57	136	60
1971	87	57	144	60
1972	86	57	143	60

AREAS OF MANAGEMENT UNITS in Square Miles

1957	129,551	78,837	208,388	...
1958	125,397	85,034	210,431	...
1959	.....	.....	.....	...
1960	83,295	100,408	183,703	224
1961	83,900	96,983	180,883	230
1962	84,108	99,987	184,095	234
1963	85,216	97,342	182,558	244
1964	.....	.....	.....	245
1965	88,214.7	100,476.4	188,691.1	280.1
1966	89,122.1	97,726.0	186,848.1	315.2
1967	90,665.0	99,342.9	190,007.9	328.8
1968	91,987.0	99,351.0	191,338.0	339.6
1969	93,052.0	93,126.0	186,178.0	350.0
1970	94,644.0	93,613.0	188,257.0	360.0
1971	102,738.0	89,985.0	192,723.0	360.0
1972	100,566.0	89,985.0	190,551.0	360.0



An up-to-date record of the condition of our forests is an essential part of management planning. Aerial photography has become an increasingly important source of such data since its beginning here in 1926. During the 1946-1956 decade, almost the entire province was photographed, and a forest resources inventory was issued in 1958.



***PRIMARY GROWING STOCK in 000's Cubic Feet**

Cubic-foot volumes of primary growing stock on productive forest land in Ontario by species and in two size classes.

Species	4"-9" d. b. h.	10" up d. b. h.	Total
White pine.....	759, 884	3, 136, 869	3, 896, 753
Red pine	262, 259	859, 182	1, 121, 441
Jack pine.....	13, 637, 962	6, 486, 599	20, 124, 561
Pitch pine	90	132	222
White spruce.....	2, 844, 250	5, 054, 764	7, 899, 014
Black spruce.....	38, 609, 370	5, 656, 094	44, 265, 464
Balsam fir.....	7, 548, 699	1, 875, 756	9, 424, 455
Hemlock	349, 745	1, 059, 874	1, 409, 619
White cedar.....	1, 413, 148	1, 605, 967	3, 019, 115
Red cedar.....	1, 638	545	2, 183
Larch.....	177, 764	25, 025	202, 789
Total Conifers	65, 604, 809	25, 760, 807	91, 365, 616
Sugar maple	1, 917, 892	4, 488, 726	6, 406, 618
Soft maple.....	460, 542	405, 293	865, 535
Yellow birch.....	503, 134	3, 682, 764	4, 185, 898
Beech.....	183, 503	446, 277	629, 780
Elm	346, 282	723, 814	1, 070, 096
Ironwood	172, 359	22, 294	194, 653
Red oak	228, 796	240, 059	468, 855
White oak.....	21, 837	34, 385	56, 222
White birch.....	10, 026, 642	6, 188, 709	16, 215, 351
Poplar	13, 709, 143	14, 373, 889	28, 083, 032
Ash	351, 292	268, 479	619, 771
Basswood.....	102, 957	279, 049	382, 006
Black cherry.....	59, 881	28, 637	88, 518
Butternut.....	1, 388	3, 601	4, 989
Hickory	24, 375	15, 342	39, 717
Other hardwoods	5, 024	1, 476	6, 500
Total Hardwoods ...	28, 115, 047	31, 202, 794	59, 317, 841
TOTAL ALL SPECIES .	93, 719, 856	56, 963, 601	150, 683, 457

*The Forest Resources of Ontario by R.M. Dixon, 1963

*ANNUAL ALLOWABLE CUT in 000's Cubic Feet

Volumes of the annual allowable cut on productive forest land in Ontario by species and ownership groups.

Species	Crown land	Patented land	Total
White pine	32, 254	13, 737	45, 991
Red pine	13, 871	3, 216	17, 087
Jack pine	413, 427	16, 332	429, 759
Pitch pine .....	.....	6	6
White spruce	105, 027	12, 711	117, 738
Black spruce	551, 794	21, 943	573, 737
Balsam fir	139, 345	19, 912	159, 257
Hemlock	5, 031	5, 430	10, 461
Cedar	15, 893	12, 687	28, 580
Larch	2, 459	849	3, 308
Total Conifers	1, 279, 101	106, 823	1, 385, 924
Sugar maple	30, 476	42, 957	73, 433
Soft maple	1, 725	26, 825	28, 550
Yellow birch	37, 858	12, 534	50, 392
Beech	1, 687	4, 611	6, 298
Elm	675	16, 606	17, 281
Ironwood	573	1, 984	2, 557
Red oak	149	4, 950	5, 099
White oak	6	673	679
White birch	263, 626	31, 863	295, 489
Poplar	702, 313	140, 798	843, 111
Ash	1, 774	6, 638	8, 412
Basswood	1, 489	7, 973	9, 462
Black cherry	115	1, 102	1, 217
Butternut .....	.....	92	92
Hickory	6	729	735
Other hardwoods	1, 720	91	1, 811
Total Hardwoods ...	1, 044, 192	300, 426	1, 344, 618
TOTAL ALL SPECIES .	2, 323, 293	407, 249	2, 730, 542

*The Forest Resources of Ontario by R.M. Dixon, 1963

AREA AND POPULATION BY PROVINCES populations in 000's

Province...Area in Sq. Mi. Date entered Confederation	1871	1891	1911	1921	1931	1941	1951	1961	1971
Ontario.....412,582	1,620	2,114	2,527	2,933	3,431	3,787	4,597	6,236	7,703
July 1, 1867									
Quebec.....594,860	1,191	1,488	2,005	2,360	2,874	3,331	4,055	5,259	6,028
July 1, 1867									
Nova Scotia.....21,068	387	450	492	523	512	577	642	737	789
July 1, 1867									
New Brunswick.....27,985	285	321	351	387	408	457	515	598	634
July 1, 1867									
P.E.I.....2,184	94	109	93	88	88	95	98	105	112
July 1, 1873									
Newfoundland.....155,364	....	....	....	....	....	....	361	458	522
Mar. 31, 1949									
Manitoba.....246,512	25	152	461	610	700	729	776	922	988
July 15, 1870									
Saskatchewan.....251,700	....	....	492	757	921	895	831	925	926
Sept. 1, 1905									
Alberta.....255,285	....	....	374	588	731	796	939	1,332	1,628
Sept. 1, 1905									
British Columbia...366,255	36	98	392	524	694	817	1,165	1,629	2,185
July 20, 1871									
Territories**....1,511,979	48	98	15	12	13	16	25	38	53
CANADA.....3,845,774	3,689	4,833	7,206	8,787	10,376	11,506	14,009	18,238	21,569

*Yukon, 207,076 sq. mi., organized June 13, 1898; North West Territories, 1,304,903, reconstituted September 1, 1905.



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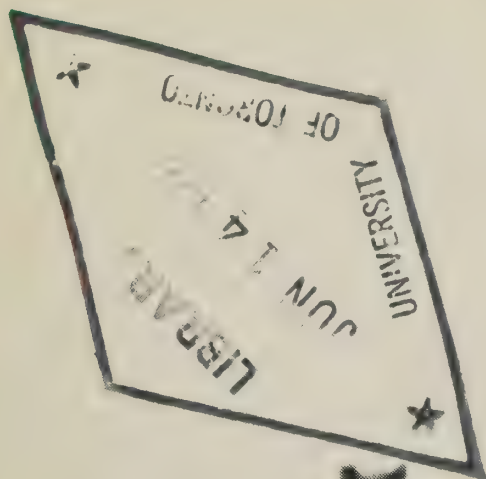


Ministry of
Natural
Resources

Government
Publication

Statistics

1973 REVISED



Statistics 1973 REVISED

A statistical supplement to the Annual
Report of the Minister of Natural Resources
for the year ending March 31, 1973.



Ontario

Ministry of
Natural
Resources

Hon. Leo Bernier
Minister

W. Q. Macnee
Deputy Minister

Statistical Reports

Prepared by Branches

3 Division of Forests

3 Forest Management Branch

9 Timber Sales Branch

16 Forest Research Branch

17 Division of Mines

19 Geological Branch

21 Mines Engineering Branch

23 Mineral Resources Branch

24 Mineral Research Branch

25 Division of Fish and Wildlife

25 Wildlife Branch

29 Sport Fisheries Branch

34 Commercial Fish and Fur Branch

42 Fish and Wildlife Research Branch

43 Division of Parks

43 Park Management Branch

51 Historical Sites Branch

52 Park Planning Branch

53 Division of Lands

53 Lands Administration Branch

58 Land Use Co-Ordination Branch

59 Surveys and Mapping Branch

61 Field Services Division

61 Forest Fire Control Branch

68 Engineering Services Branch

69 Air Service Branch

72 Conservation Authorities Branch

73 Finance and Administration Division

73 Financial Management Branch

78 Administrative Services Branch

79 Personnel Branch

81 Northern Affairs Branch

83 Information Branch

84 Legal Services Branch

90 Policy Research Branch

91 Ministry of Natural Resources

92 Northwestern Region

93 North Central Region

94 Northern Region

95 Northeastern Region

96 Algonquin Region

97 Eastern Region

98 Central Region

99 Southeastern Region

100 Areas of Regions and Districts

DIVISION OF FORESTS

Room W-3610, Main Office.

Telephone (416) 965-3040.

Administration Mrs. E. Rhodes W-3607 . . 2731

FOREST MANAGEMENT BRANCH

Room W-3628, Main Office.

Telephone (416) 965-2785.

Branch Director	R.M. Dixon	W-3628 . . 2785
Silviculture Section	W.R. Grinnell, Spvr	W-3620A . 2575
Hardwood and Pine	C.J. Heeney	W-3621A . 2575
Boreal Forest	F.C. Robinson	W-3621 . . 2575
Equipment and Techniques	J.D. Scott	W-3632 . . 2575
Tree and Seed Improvement	C.H. Lane	W-3623 . . 2575
Planting Stock	K. Reese	W-3623A . 2575
Advisory Services Section	W.A.G. Thurston, Spvr. . . .	W-3613 . . 2785
Private Land Forestry	W. Gourlay	W-3613A . 2785
Silvicultural Assessment	G.E. MacKinnon	W-3615A . 2785
Agreement Administration	D. Holder	W-3631 . . 2785
Pest Control Section	K.B. Turner, Spvr.	W-5613 . . 2781

FOREST TREE PRODUCTION BY MINISTRY NURSERIES

Years	No. of Trees	Years	No. of Trees	Years	No. of Trees
1905-12	1,480,539	1954	24,448,860	1967	51,712,461
1912-25	13,096,866	1955	25,519,383	1968	54,805,170
1925-30	46,642,175	1956	28,351,483	1969	52,157,150
1930-35	51,996,837	1967	31,081,112	1970	62,623,496
1935-40	67,900,012	1958	25,854,262	1971	68,182,719
1940-45	57,617,763	1959	33,414,110	1972	76,597,391
1946	13,175,575	1960	41,682,125	1973	68,161,039
1947	12,269,533	1961	49,833,412		
1948	13,049,776	1962	43,194,863		
1949	17,700,970	1963	43,767,916		
1950	19,027,807	1964	43,922,685		
1950-52	20,749,268	1965	49,484,068		
1953	24,241,754	1966	49,019,854	Total	1,281,762,434

USE OF NURSERY STOCK — in year ending March 31, 1973

Tree Species	Private Land	Crown Lands and Agreement Forests	Education or Science	Total
White Spruce . . .	4,898,465	20,724,336	85,425	25,708,226
Black Spruce . . .	148,225	11,674,185	39,575	11,861,985
Jack Pine	755,375	9,088,025	45,000	9,888,400
Red Pine	5,183,410	4,640,900	48,375	9,872,685
White Pine	2,819,550	2,875,483	14,475	5,709,508
Scotch Pine	1,275,725	138,625	900	1,415,250
White Cedar	654,300	97,200	1,275	752,775
Silver Maple	330,250	133,650	1,250	465,150
Black Walnut	430,575	25,950	8,200	464,725
Carolina Poplar . . .	320,750	29,950	700	351,400
Norway Spruce . . .	255,100	7,775	475	263,350
European Larch . . .	206,200	41,450	225	247,875
Red Spruce	3,050	218,625	125	221,800
White Ash	149,525	21,500	1,225	173,250
Red Oak	154,150	11,175	1,025	166,350
Black Locust	116,700	7,350	575	124,625
Tamarack	73,050	21,200	125	94,375
Cottonwood	46,200	20,650	25	66,875
Yellow Birch . . . . .	.....	16,275	...	16,275
Other Species . . .	39,738	187,966	2,856	230,560
Total	17,907,113	49,996,720	257,206	68,161,039

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS –

in years ending March 31

County or District	1969	1970	1971	1972	1973
Algoma	152,250	110,450	92,325	116,300	127,200
Brant	96,650	292,625	226,175	237,175	271,912
Bruce	204,250	220,300	254,852	249,035	291,375
Carleton	304,475	330,325	576,675	523,280	649,371
Cochrane	12,200	—	29,300	—	6,500
Dufferin	431,675	508,100	456,275	426,360	696,131
Dundas	75,600	131,975	86,325	40,325	142,825
Durham	466,700	414,375	619,071	439,234	497,565
Elgin	138,725	292,075	327,900	330,370	471,965
Essex	47,350	51,750	84,350	123,685	145,639
Frontenac	140,675	281,650	280,925	222,050	268,900
Glengarry	200,825	301,100	187,025	317,930	370,525
Grenville	322,725	416,575	431,150	531,300	510,700
Grey	414,450	616,016	858,235	713,394	1,121,355
Haldimand	56,200	98,375	112,190	112,750	*62,775
Haliburton	16,050	25,800	186,150	153,550	186,675
Halton	363,975	287,975	428,150	273,457	311,385
Hastings	308,450	467,425	572,000	540,075	526,350
Huron	25,650	93,110	193,550	159,915	374,275
Kenora	57,575	8,350	187,400	251,550	272,250
Kent	19,050	39,227	30,050	93,750	118,700
Lambton	59,280	52,050	99,445	62,050	161,960
Lanark	274,450	391,950	488,925	626,600	623,475
Leeds	178,450	180,850	277,775	378,756	273,910
Lennox & Addington .	68,425	100,165	162,375	120,875	134,025
Lincoln	54,875	68,125	71,500	.....	.....
Manitoulin	3,275	11,150	7,175	3,550	3,400
Middlesex	205,946	247,153	349,341	552,522	576,907
Muskoka	157,550	186,875	194,050	146,285	106,775
Niagara . . . . .	.....	.....	.....	305,622	219,202
Nipissing	40,975	12,075	69,325	84,925	78,825
Norfolk	211,550	251,914	191,470	241,655	236,830
Northumberland . . .	317,325	263,000	362,043	383,255	429,930
Ontario	256,425	400,982	533,130	430,565	372,225
Oxford	139,850	245,150	293,900	340,327	294,850
Parry Sound	179,875	326,725	412,175	354,750	286,750
Peel	425,274	429,800	471,385	303,485	427,575
Perth	77,150	35,550	146,775	140,027	240,000
Peterborough	324,993	381,438	476,455	341,075	552,150
Prescott	397,925	159,375	301,800	249,150	124,425
Prince Edward	20,950	52,600	40,900	29,800	87,350
Rainy River	71,938	204,950	249,975	186,600	310,750
Renfrew	1,391,825	1,179,325	1,281,050	850,159	647,300
Russell	216,375	125,425	170,200	116,350	176,985
Simcoe	880,110	993,319	1,057,545	1,201,862	1,250,260

(Continued from previous page)

County or District	1969	1970	1971	1972	1973
Stormont	100,375	86,325	64,325	136,385	187,650
Sudbury	110,800	117,675	255,050	251,875	214,275
Thunder Bay	200,325	559,700	276,275	328,260	335,448
Timiskaming	10,550	5,625	6,550	17,475	16,175
Victoria	47,789	263,150	115,575	184,400	215,775
Waterloo	256,775	297,025	235,325	199,902	267,925
Welland	170,175	220,325	144,425	.....	.....
Wellington	607,750	435,200	456,550	535,748	690,664
Wentworth	318,500	453,775	436,820	323,487	490,299
York	322,835	520,640	420,185	382,745	448,670
Total	11,956,165	14,246,964	16,339,867	15,666,207	17,907,113

FOREST AREAS MANAGED BY THE MINISTER —

in Acres at March 31, 1973

Agreement Holders	Date of Agreement	Added 1972-3	Released 1972-3	Total
GOVERNMENT OF CANADA				
National Capital Commission	Aug 16, 1961	....	100.00	3,532.00
24 CONSERVATION AUTHORITIES				
Ausable River	Dec 13, 1951	....	....	4,299.00
Cataraqui Region	Dec 1, 1971	360.00	....	760.00
Catfish Creek	Dec 19, 1962	....	....	501.00
Central Lake Ontario	Sep 24, 1963	....	0.87	194.13
Crowe Valley	Aug 21, 1963	....	....	200.00
Ganaraska	Jan 31, 1947	....	....	8,548.60
Grand River	Mar 18, 1952	....	....	5,884.37
Hamilton Region	Oct 19, 1962	....	....	12.50
Lakehead Region	May 15, 1958	....	....	1,256.70
Long Point Region	Dec 2, 1954	140.00	1.43	5,964.80
Lower Thames Valley	Aug 12, 1964	....	....	300.00
Maitland Valley	Apr 1, 1955	....	100.00	849.00
Metropolitan Toronto & Region . .	Apr 11, 1951	....	....	1,928.00
Moirs River	Nov 28, 1951	400.00	....	16,897.00
Napanee Valley	Oct 28, 1954	....	....	6,666.00
Niagara Peninsula	Jun 6, 1963	....	....	186.00
North Grey Region	Jun 25, 1958	....	....	7,255.00
Otonabee Region	May 15, 1963	48.00	....	2,268.00
Raisin Region	May 25, 1971	....	....	200.00
Sauble	Sep 29, 1959	....	....	3,816.00
Saugeen Valley	Dec 15, 1952	200.00	0.80	14,117.97
South Nation River	Mar 28, 1960	946.78	....	5,321.58
Sydenham Valley	Jul 13, 1965	150.00
Upper Thames River	Apr 11, 1951	3,443.32
Sub-Total		2,094.78	103.10	91,018.97

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Agreement Holder	Date of Agreement	Added 1972-3	Released 1972-3	Total
11 TOWNSHIPS				
Bonfield	Apr 1, 1952	....	....	60.00
Charlottenburgh	Apr 1, 1955	....	....	175.00
Cramahe	Jan 4, 1964	....	....	162.00
Cumberland	May 29, 1952	....	....	808.44
Darlington	Aug 19, 1964	....	....	140.00
Galway & Cavendish	Nov 1, 1952	....	....	619.00
Machar	Dec 30, 1963	....	....	90.00
Marlborough	Nov 21, 1953	....	....	200.00
Mosa	Jul 16, 1964	....	....	144.00
Torbolton	Mar 28, 1953	....	....	430.80
Williamsburg	Oct 19, 1962	....	....	400.00
Sub-Total . . . . .		....	....	3,229.24
22 COUNTIES				
Brant	Nov 15, 1952	....	....	50.00
Bruce	Jan 20, 1950	....	....	15,553.35
Dufferin	Nov 26, 1930	....	....	2,505.00
Grey	Dec 21, 1937	....	....	8,378.08
Halton	Mar 14, 1950	....	....	1,498.63
Huron	Nov 27, 1950	....	....	1,589.00
Kent	Dec 23, 1953	....	....	75.39
Lanark	Jul 5, 1940	600.00	....	6,865.00
Leeds & Grenville	Apr 24, 1940	250.00	....	12,601.00
Lennox & Addington	Apr 3, 1952	....	....	1,186.00
Middlesex	Mar 8, 1954	....	....	1,893.90
Northumberland & Durham	Jun 10, 1924	....	0.08	5,834.55
Ontario	Jul 9, 1930	....	....	5,161.49
Oxford	Sep 1, 1950	....	....	716.56
Prescott & Russell	Mar 15, 1937	25.00	....	26,041.93
Renfrew	Dec 26, 1951	170.00	....	15,081.00
Simcoe	Jun 19, 1925	935.00	78.65	23,037.13
Stormont, Dundas & Glengarry	Sep 20, 1949	742.80	1.57	5,753.68
Victoria	Aug 10, 1928	228.00	2.44	8,544.56
Waterloo	Apr 17, 1950	....	....	710.48
Wellington	Jun 18, 1964	....	....	1,100.00
Wentworth	Nov 27, 1952	....	....	989.30
Sub-Total		2,950.80	82.74	145,146.03
2 REGIONAL MUNICIPALITIES				
Ottawa-Carleton	Jul 30, 1964	1,380.00	....	2,540.00
York	Mar 27, 1924	70.00	....	4,895.08
Sub-Total		1,450.00	....	7,435.08
TOTAL, 60 Managed Forest Areas		6,495.58	285.84	250,361.32

SILVICULTURAL OPERATIONS — Areas in acres in year ending March 31, 1973

Treatment	Crown Lands	Agreement Forests	WIA*	Sub- Total	Other Patent Lands	Total
REGENERATION						
Nursery stock planted	69,443	2,843	10,661	82,947	6,177	89,124
Container stock planted	6,034	.....	.....	6,034	.....	6,034
Seeding	21,749	10	5	21,764	.....	21,764
Modified harvest cut . .	37,234	762	693	38,779	21,355	60,134
Scarification	10,014	75	46	10,135	.....	10,135
Seed trees	5,480	.....	60	5,540	500	6,040
Sub-Total	150,044	3,690	11,465	165,199	28,032	193,231
TENDING						
Hand cleaning	9,656	3,825	625	14,107	.....	14,107
Herbicide spraying** . .	8,609	247	407	9,263	50	9,313
Improvement Cuts . . .	17,202	4,085	6,850	28,137	825	28,962
Marking	32,152	2,980	9,034	44,166	3,131	47,297
Pruning	2,542	611	445	3,598	100	3,698
Fertilization, drainage .	896	35	30	961	100	1,061
Sub-Total	71,057	11,783	17,392	100,232	4,206	104,438
TOTAL, Area Treated .	221,101	15,473	28,857	265,431	32,238	297,669
SITE PREPARATION***	57,765	778	2,523	61,066	100	61,166

CROWN LANDS TREATED — Areas in acres in years ending March 31

Silvicultural Operations	1969	1970	1971	1972	1973
REGENERATION					
Site prep for nat regeneration . . .	16,704	20,978	14,293	21,936	10,014
Modified harvest system	9,747	8,808	6,664	27,517	37,234
Seed tree system	3,260	13,498	4,227	7,751	5,480
Planting	77,168	79,076	76,639	87,955	75,477
Direct Seeding	9,618	11,154	21,311	22,161	21,749
Sub-Total	116,497	133,514	123,134	167,320	150,044
TENDING					
Hand cleaning	13,591	6,891	8,078	16,170	9,656
Herbicide spraying**	32,321	48,113	21,761	44,785	8,609
Improvement cuts, thinning . . .	7,296	6,111	5,742	9,358	17,202
Marking for improvement cuts . .	.....	.....	18,771	2,393	32,152
Pruning	1,852	898	3,722	4,392	2,542
Fertilization, drainage	95	1,054	1,177	1,177	896
Sub-Total	54,855	63,067	59,251	78,275	71,057
TOTAL	171,382	196,581	182,385	245,595	221,101
SITE PREPARATION***	54,029	46,841	52,703	57,796	57,765
TOTAL AREA TREATED	225,411	243,422	235,088	303,391	278,866

* Agreements under The Woodlands Improvement Act.

** Includes girdling, frilling and poisoning.

*** Preparation for seeding, planting or modified harvest cutting.

DIVISION OF FORESTS

TIMBER SALES BRANCH

Room W-3508, Main Office.

Telephone (416) 965-2731.

Branch Director	J. Barron	W-3508 . . 2731
Licensing and Finance Section	J.R. Keddie, Spvr.	W-3506 . . 2731
Operations	J. H. Butts	W-3505 . . 2731
Licensing	D.A. Denton	W-3507 . . 2731
Forest Mensuration	J.E. Osborn	W-3509 . . 2731
Management Plans Section	J.D. Hughes, Spvr.	W-3409 . . 7631

WOOD CUT ON CROWN LAND BY SPECIES — in 000s cubic foot and \$000s in years ending March 31

Species	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
SOFTWOOD											
Balsam. . . .	11,174	10,219	11,454	10,044	11,366	14,525	12,225	13,677	11,464	10,656	13,695
Cedar	105	182	177	170	205	567	255	185	148	358	299
Hemlock . . .	1,841	3,032	3,128	2,694	2,759	2,855	2,355	2,251	1,519	1,707	1,707
Jack Pine . . .	78,485	82,239	89,613	99,930	111,791	107,875	114,166	121,391	115,284	127,311	138,445
Red Pine . . .	6,029	6,446	7,297	6,767	6,962	7,022	4,572	4,571	3,767	3,897	4,231
Scots Pine. . .	.. . .	.. . .	17	.. . .	.. . .	.. . .	.. . .	.. . .	14	32	.. . .
White Pine . .	21,930	24,409	24,769	24,702	22,073	24,316	17,389	14,290	11,673	12,207	16,166
Spruce	182,327	183,756	195,017	197,935	223,502	220,569	198,982	221,448	203,886	183,011	216,261
Tamarack . . .	39	28	98	73	86	120	61	22	11	48	53
Mixed	828	453	445	419	449	659	302	356	257	106	136
HARDWOOD											
Ash	100	95	104	143	85	76	125	53	33	63	45
Basswood . . .	434	575	480	465	360	462	392	325	262	426	235
Beech	278	483	359	480	432	351	255	332	218	381	383
W. Birch . . .	2,295	3,732	3,332	3,203	2,964	5,654	3,430	2,241	1,669	2,107	2,466
Y. Birch . . .	8,822	8,963	8,983	8,284	7,400	8,370	5,780	4,588	4,059	4,863	5,186
Butternut. . .	2	2	1	1	1	2	1	1	.. . .	.. . .	.. . .
Cherry	18	22	30	25	25	20	14	20	19	42	32
Elm	286	267	278	384	247	423	199	170	133	188	114
Maple	6,537	7,649	8,459	8,323	9,041	10,004	5,963	5,235	4,807	7,605	6,740
Oak	276	355	348	387	321	282	331	311	242	285	303
Poplar	22,907	25,995	20,654	21,205	21,260	27,682	22,535	24,994	21,338	23,848	27,726
Mixed	1,137	1,162	1,166	744	2,140	4,062	6,705	13,889	14,983	10,530	9,275
TOTALS											
Softwood . . .	302,758	310,765	332,014	342,196	379,193	378,508	350,407	378,191	348,022	339,333	390,993
Hardwood . . .	43,092	49,300	44,195	43,645	44,276	57,388	45,730	52,159	47,762	50,338	52,505
Total	345,850	360,065	376,209	385,841	423,469	435,895	396,137	430,350	395,785	389,671	443,497
Value * . . . \$	12,057	12,473	13,417	13,416	14,528	14,832	13,809	14,428	12,829	12,183	13,856

* Export Levy not included.

MANAGEMENT UNITS — Areas in Square Miles at March 31

Year	CROWN LAND FORESTS				Total		AGREEMENT FORESTS	
	Crown No.	Area.	Company No.	Area.			No.	Area
1963	79	85,216	77	97,342	156	182,588	42	244
1964	81	.....	75	.....	156	.....	46	245
1965	81	88,214.7	71	100,476.4	152	188,691.1	59	280.1
1966	78	89,122.1	67	97,726.0	145	186,848.1	60	315.2
1967	78	90,665.0	66	99,342.9	144	190,007.9	60	328.8
1968	77	91,987.0	66	99,351.0	143	191,338.0	60	339.6
1969	77	93,052.0	57	93,126.0	134	186,178.0	60	350.0
1970	79	94,644.0	57	93,613.0	136	188,257.0	60	360.0
1971	87	102,738.0	57	89,985.0	144	192,723.0	60	360.0
1972	86	100,566.0	57	89,985.0	143	190,551.0	60	360.0
1973	86	100,757.0	57	89,985.0	143	190,742.0	60	381.0

TIMBER LICENCES — Areas in Square Miles at March 31

Year	No. of Licences	Under Section 2	Under Section 3	Under Section 5	Total Area Licensed
1963	581	3,102.08	97,830.82	152.36	101,085.26
1964	562	2,556.89	99,679.49	18.20	102,254.58
1965	590	2,564.98	103,347.49	4.90	105,917.37
1966	533	2,466.68	100,362.79	1.20	102,830.67
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4
1973	505	286.8	94,290.4	100.1	94,677.3

TIMBER CUT ON CROWN LANDS —

in 000s cubic feet and \$000s in years ending March 31

Year	Permits Issued	Sawlogs	Long Timber	Pulpwood	Fuel Wood	Misc.	Total Volume	Stumpage Value
1963	4,664	101,999	1,267	237,423	1,965	3,195	345,850	\$12,091
1964	4,392	122,015	1,524	231,301	1,614	3,611	360,065	12,506
1965	3,095	127,469	2,467	240,209	1,601	4,463	376,209	13,455
1966	3,330	115,388	2,407	261,923	1,143	4,980	385,841	13,446
1967	2,805	93,541	1,966	321,161	1,028	5,773	423,469	14,582
1968	2,695	99,719	1,448	327,315	1,739	5,674	435,895	14,866
1969	2,459	82,845	1,112	304,784	646	6,749	396,136	13,809
1970	2,310	76,747	867	351,860	548	327	430,349	14,428
1971	2,333	60,520	891	333,565	600	209	395,785	12,829
1972	2,217	80,652	701	307,705	429	184	389,671	12,183
1973	2,340	84,302	759	358,001	586	197	443,843	13,900

TIMBER CUT ON CROWN LANDS — in Year Ending March 31, 1973

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
CORDAGE				
PULPWOOD ROUGH				
White Pine	4,728.51	401,924.35	\$ 11,380.55
Red Pine	4,472.15	361,316.25	11,576.32
Jack Pine	298,612.27	25,382,043.27	700,751.54
Spruce	592,612.45	50,372,052.25	1,705,467.67
Hemlock	960.97	81,547.81	1,956.63
Balsam	28,488.43	2,421,520.05	57,808.82
Cedar	1,057.19	80,525.15	2,281.31
Tamarack	301.92	25,663.20	591.96
Conifers	210.25	17,871.25	2,469.67
Maple	311.54	26,480.90	525.38
Yellow Birch	17.51	1,488.35	16.98
White Birch	5,863.39	498,329.47	7,229.43
Oak	62.25	5,291.25	49.18
Beech	27.27	2,317.95	27.74
Ash	13.72	1,166.20	12.93
Elm	4.27	362.95	3.20
Basswood	62.25	5,291.25	45.75
Poplar	128,755.14	10,944,154.64	94,045.81
Hardwoods	18,872.36	1,599,025.10	44,772.04
Sub-Total	1,085,433.84	92,228,371.64	2,641,012.91
PULPWOOD PEELED				
Jack Pine	17,214.50	1,721,450.00	42,279.32
Spruce	77,976.16	7,797,616.00	277,256.60
Balsam	10,347.92	1,034,792.00	20,849.70
White Birch	882.49	88,249.00	917.39
Poplar	15,308.33	1,530,833.00	19,594.09
Sub-Total	121,729.40	12,172,940.00	360,897.10
VENEER BOLTS				
White Pine	33.97	2,887.45	98.53
Jack Pine	105.46	8,964.10	221.48
Spruce	3,036.75	258,123.75	9,472.96
Balsam	3.36	285.60	4.90
White Birch	2,233.65	189,860.25	1,551.21
Poplar	25,991.17	2,209,249.45	20,102.08
Sub-Total	31,404.36	2,669,370.60	31,451.16
FUELWOOD				
Conifers	1,737.33	115,178.55	1,079.48
Hardwoods	5,527.54	469,925.90	5,932.89
Sub-Total	7,264.77	585,104.45	7,012.37
TOTAL				
CORDAGE	1,245,832.37	107,655,786.69	3,040,373.54
LOGS, LONG TIMBERS				
PULP LOGS				
White Pine	104,998	521,471.51	521,471.51	9,118.34
Red Pine	10,768	34,919.39	34,919.39	631.29
Jack Pine	1,782,893	7,433,297.91	7,433,297.91	149,885.16
Spruce	3,985,034	14,079,889.00	14,079,889.00	371,505.66

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CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Hemlock	18,501	106,032.81	106,032.81	2,887.64
Balsam	398,649	1,594,703.49	1,594,703.49	30,862.44
Cedar	380	666.26	666.26	23.99
Tamarack	343	1,166.09	1,166.09	26.23
Maple	4,725	32,510.87	32,510.87	195.10
Yellow Birch	6,685	44,692.37	44,692.37	268.20
White Birch	890	4,975.43	4,975.43	29.86
Poplar	1,592	6,804.40	6,804.40	51.91
Hardwoods	229,372	1,284,680.58	1,284,680.58	17,562.97
Sub-Total	6,544,830	25,145,810.11	25,145,810.11	583,048.79
SAWLOGS (Cu Ft)				
White Pine	132,677	1,599,671.47	1,599,671.47	93,380.01
Red Pine	106,548	867,722.36	867,722.36	50,332.27
Jack Pine	2,644,387	14,296,672.19	14,296,672.19	408,227.36
Spruce	3,286,558	16,508,306.39	16,508,306.39	551,119.29
Balsam	90,621	420,915.68	420,915.68	14,301.70
Cedar	5,042	64,672.81	64,672.81	2,075.75
Tamarack	606	3,706.53	3,706.53	143.51
Maple . . . . .	.....	229.00	229.00	1.37
Yellow Birch	56	6,057.31	6,057.31	178.58
White Birch	36,838	239,555.36	239,555.36	3,457.77
Oak	54	468.38	468.38	21.07
Ash	356	2,804.13	2,804.13	36.78
Elm . . . . .	.....	82.90	82.90	4.15
Poplar	241,456	2,228,134.15	2,228,134.15	28,893.48
Hardwoods	7,845	49,020.41	49,020.41	1,319.77
Sub-Total	6,553,044	36,288,019.07	36,288,019.07	1,153,492.86
VENEER LOGS (CuFt)				
White Pine	277	3,362.15	3,362.15	145.48
Jack Pine	15,899	103,644.13	103,644.13	2,560.01
Spruce	95,860	701,684.47	701,684.47	24,909.03
Balsam	209	442.80	442.80	10.33
White Birch	41,674	294,991.12	294,991.12	7,510.51
Poplar	845,827	5,275,358.13	5,275,358.13	66,424.85
Sub-Total	999,746	6,379,482.80	6,379,482.80	101,560.21
LONG TIMBER				
White Pine	6,570	99,672.91	99,672.91	9,172.09
Red Pine	24,006	424,788.22	424,788.22	53,502.09
Jack Pine	11,725	106,666.14	106,666.14	6,372.89
Spruce	9,179	49,164.35	49,164.35	3,207.59
Hemlock	1,610	46,723.64	46,723.64	3,687.46
Balsam	141	1,837.79	1,837.79	79.83
Cedar	413	7,052.74	7,052.74	339.50
Tamarack	128	781.04	781.04	37.83
Conifers	132	3,308.53	3,308.53	271.05
Maple	79	3,082.44	3,082.44	198.75
Yellow Birch	3	374.28	374.28	46.31
White Birch	35	2,240.84	2,240.84	169.48
Oak	65	1,810.72	1,810.72	97.03
Beech	24	593.91	593.91	51.38

(Continued from previous page)

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Poplar	470	9,376.28	9,376.28	307.42
Hardwoods	144	1,838.69	1,838.69	113.81
Sub-Total	54,724	759,312.52	759,312.52	77,655.41
SAWLOGS (M.B.M.)				
White Pine	893,222	78,625.63	13,107,991.46	843,373.58
Red Pine	204,356	12,305.39	2,179,202.69	139,251.59
Jack Pine	171,309	3,710.40	845,239.67	19,556.64
Spruce	183,992	8,740.85	1,609,882.62	87,256.18
Hemlock	111,772	8,455.71	1,433,667.23	53,849.63
Balsam	10,850	248.83	52,622.89	2,510.75
Cedar	7,124	182.85	35,539.85	2,260.35
Tamarack	270	11.25	2,094.62	128.37
Maple	522,527	40,712.70	6,677,364.35	397,465.91
Yellow Birch	433,160	32,369.59	5,139,069.27	472,894.66
White Birch	86,567	4,137.53	704,583.52	24,062.22
Oak	26,953	1,757.49	295,166.58	16,905.49
Beech	33,869	2,305.37	308,420.94	14,252.47
Ash	3,883	240.64	40,549.59	2,331.34
Elm	7,094	703.41	113,873.78	7,555.47
Basswood	21,778	1,342.68	229,219.10	21,461.56
Black Cherry	2,971	189.41	31,509.38	1,430.71
Poplar	126,135	6,385.50	1,164,498.98	28,090.38
Hardwoods	233	27.97	5,227.29	1,457.62
Sub-Total	2,848,065	202,453.20	34,047,723.81	2,136,094.92
TOTAL LOGS, LONG TIMBERS . .	17,000,409	.....	102,620,348.31	4,051,852.19

TREE LENGTH
MATERIAL

White Pine	179	7,073.47	7,073.47	\$ 341.10
Red Pine	1,340	33,202.81	33,202.81	1,172.95
Jack Pine	5,662,028	58,015,387.23	58,015,387.23	1,486,839.86
Spruce	15,802,952	97,218,720.94	97,218,720.94	3,365,509.43
Balsam	1,238,500	7,244,414.36	7,244,414.36	156,573.78
Tamarack	3,026	19,254.37	19,254.37	394.74
White Birch	25,364	478,392.12	478,392.12	3,393.50
Poplar	18,280	381,302.26	381,302.26	2,767.96
Jack Pine	575,240	22,239.73	MBM 167,720.45	88,958.92
Spruce	176,012	3,984.55	745,180.51	22,723.46
Balsam	1,570	19.10	3,600.90	78.35
TOTAL TREE LENGTH . . .	23,504,491	.....	168,314,249.42	5,128,754.05

WEIGHT MEASURE

White Pine . . . . .	.....	267,221.34	438,134.21	12,868.01
Red Pine . . . . .	.....	176,969.98	306,737.62	15,603.10
Jack Pine . . . . .	.....	14,764,344.76	26,300,439.46	605,765.00
Spruce . . . . .	.....	14,529,382.66	26,932,233.89	894,207.37
Hemlock . . . . .	.....	27,291.16	38,832.13	1,292.82
Balsam . . . . .	.....	562,582.50	942,168.96	18,121.14

(Continued from previous page)

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Poplar . . . . .	.....	2,930,805.73	4,283,700.08	38,463.51
Hardwoods . . . . .	.....	4,059,288.19	5,811,838.90	75,594.61
TOTAL				
WEIGHT . . . . .	.....	37,317,886.32	65,054,085.25	1,661,915.56
MISCELLANEOUS				
MINING TIMBER				
White Pine	37	455.28	455.28	22.76
		Cu. Ft.		
Red Pine	4,432	22,582.26	22,582.26	1,129.11
Spruce	44	471.78	471.78	23.59
POSTS				
Spruce . . . . .	.....	4.87	413.95	9.74
		Cords		
Cedar	37	30.99	2,634.15	61.98
Jack Pine . . . . .	.....	816.50	816.50	48.99
		Cu. Ft.		
Balsam . . . . .	.....	173.33	173.33	10.40
Cedar	2,205	1,819.02	1,819.02	77.37
Cedar	2,617	2,617.00	1,342.00	25.92
		Pieces		
Poplar . . . . .	.....	1,000.00	200.00	20.00
		Lin. Ft.		
Red Pine . . . . .	.....	1,000.00	200.00	20.00
Jack Pine	100	870.00	202.13	12.37
Spruce . . . . .	.....	610.00	226.06	17.71
Cedar	63,668	592,941.00	105,000.00	12,692.06
Tamarack . . . . .	.....	720.00	137.14	7.20
Conifers . . . . .	.....	200.00	40.00	5.00
POKER POLES				
Hardwoods . . . . .	.....	668.06	56,785.10	668.06
		Cords		
Poplar	14,200	2,840.00	2,840.00	284.00
		Cu. Ft.		
CHRISTMAS TREES				
Spruce	80	80.00	40.00	12.50
		Pieces		
Balsam	343	196.50	171.50	34.30
TOTAL				
MISC.	87,763	.....	195,550.20	15,183.06
TOTAL TIMBER CUT . . .	40,592,663	.....	443,841,019.87	13,898,078.40

Number of District cutting licences issued and included in above: 2,340.

DIVISION OF FORESTS

FOREST RESEARCH BRANCH

Maple, Ontario L0J 1E0. Telephone (416) 832-2261.

Branch Director	D.H. Burton	Extension 317
Tree Biology	H.W. Anderson	Extension 312
Tree Breeding and Improvement	Dr. L. Zsuffa	Extension 295
Tree Nutrition	R.H. Leech	Extension 306
Environmental Studies	Dr. D. Burger	Extension 318
Silviculture, Southern Ontario	H.C. Larsson	Extension 264
Mensuration	A.F. Beckwith	Extension 265
Fire Control	R.J. Drysdale	Extension 302
Forest Economics	J. Holowacz	Extension 286
Development	V.H. Williamson	Extension 301
Mechanics	V.W. McMullen	Extension 232

FIELD UNITS

Northern Forest Box 960, Thunder Bay P. Ont P7B 5G5	N.F. Lyon	(807) 767-1607
Central Forest c/o Forest Biology Laboratory Box 490, S.S. Marie, Ont P6A 5M7	Dr. A.G. Gordon	(705) 256-8461
South-Central Forest c/o Ontario Forest Technical School Dorset, Ont POA 1E0	M.M. McLean	(705) 766-2242
Nursery Research c/o Midhurst Forest Station Midhurst, Ont LOL 1X0	Dr. R.E. Mullin	(705) 726-7640

DIVISION OF MINES**

Room W-6317, Main Office.

Telephone (416) 965-4271.

Administration
Mine Assessor

H.E. Cook W-1316 . . 2461
(See Mineral Resources Branch, Page 23)

ONTARIO MINERAL PRODUCTION IN 1972 AND 1973

1972 figures are final. 1973 figures are Statistics Canada preliminary.

NON-METALLICS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Arsenious Oxide	lb	.....	\$ .....	.....	\$ .....
Asbestos	ton	37,560	4,405,394	34,000	3,850,000
Barite	ton	.....	.....	.....	.....
Diatomite	ton	.....	.....	.....	.....
Feldspar	ton	.....	.....	.....	.....
Fluorspar	ton	.....	.....	.....	.....
Gemstone	lb	*	70,000	*	75,000
Grindstone	ton	.....	.....	.....	.....
Gypsum	ton	726,491	2,158,231	746,000	1,950,000
Helium	mcf	.....	.....	.....	.....
Iron Oxide	ton	.....	.....	.....	.....
Lithia	lb	.....	.....	.....	.....
Magnetitic Dolomite and Brucite	ton	.....	.....	.....	.....
Mica	lb	.....	.....	.....	.....
Nepheline Syenite . . .	ton	559,483	5,902,063	576,000	7,372,000
Nitrogen	mcf	.....	.....	.....	.....
Peat Moss	ton	13,560	570,713	15,000	675,000
Potash (K ₂ O)	ton	.....	.....	.....	.....
Pyrite, Pyrrhotite . . .	ton	.....	.....	.....	.....
Quartz	ton	1,177,753	2,750,258	1,230,000	3,360,000
Salt	ton	4,037,789	24,481,406	3,980,000	28,916,000
Soapstone, Talc, Pyrophyllite	ton	*	417,728	*	530,000
Sodium Sulphate . . .	ton	.....	.....	.....	.....
Sulphur in Smelter Gas	ton	340,708	2,568,938	394,000	5,126,000
Sulphur, Elemental . .	ton	50,376	879,560	1,000	3,000
Titanium Dioxide, etc. .	ton	.....	.....	.....	.....
Total Value, Non-Metallics			\$ 44,204,291		\$ 51,857,000

* Figures not available.

** See Mining Lands and Prospecting Activities under Lands Administration Branch.

METALLICS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Antimony	lb	.....	\$ .....	.....	\$ .....
Bismuth	lb	22,304	80,071	13,000	61,000
Cadmium	lb	2,575,274	6,515,443	2,895,000	10,539,000
Calcium	lb	469,378	337,609	617,000	446,000
Cobalt	lb	2,593,814	6,387,560	3,126,000	9,125,000
Columbium (CB ₂ O ₅) . .	lb	.....	.....	.....	.....
Copper	lb	579,445,166	293,493,836	554,523,000	353,750,000
Gold	oz	1,019,303	58,720,007	902,000	86,930,000
Indium	oz	.....	.....	.....	.....
Iron Ore	ton	11,755,336	139,514,537	12,336,000	145,025,000
Iron, Remelt	ton	.....	.....	.....	.....
Lead	lb	21,210,868	3,272,413	24,883,000	4,016,000
Magnesium	lb	11,847,671	4,537,125	11,660,000	4,319,000
Mercury	lb	.....	.....	.....	.....
Molybdenum	lb	.....	.....	.....	.....
Nickel	lb	378,855,007	519,935,356	391,916,000	565,065,000
Platinum Group	oz	402,403	34,330,972	288,000	34,274,000
Selenium	lb	108,783	969,257	90,000	853,000
Silver	oz	19,587,694	32,717,449	19,938,000	49,845,000
Tantalum (Ta ₂ O ₅) . .	lb	.....	.....	.....	.....
Tellurium	lb	8,327	49,462	3,000	16,000
Thorium	lb	.....	.....	.....	.....
Tin	lb	.....	.....	.....	.....
Tungsten (WO ₃)	lb	.....	.....	.....	.....
Uranium (U ₃ O ₈)	lb	8,428,053	*.....	7,915,000	*.....
Yttrium (Y ₂ O ₃)	lb	.....	.....	.....	.....
Zinc	lb	789,782,141	150,619,352	895,739,000	214,619,000
Total Value, Metallics			\$1,251,474,449		\$1,478,883,000

FUELS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Coal	ton	.....	\$ .....	.....	\$ .....
Natural Gas	mcf	12,375,129	4,767,580	9,450,000	4,064,000
Natural Gas by-prods. .	bbl	.....	.....	.....	.....
Petroleum, Crude . . .	bbl	877,965	2,498,688	825,000	2,791,000
Total Value, Fuels			\$ 7,266,268		\$ 6,855,000

STRUCTURAL MATERIALS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Clay Products	ton	*.....	\$ 31,569,829	*.....	\$ 33,624,000
Cement	ton	3,761,195	76,213,423	4,111,000	82,216,000
Lime	ton	1,192,197	18,475,204	1,228,000	19,036,000
Sand and Gravel	ton	76,380,000	64,320,000	78,000,000	65,000,000
Stone	ton	31,091,493	41,230,596	32,700,000	41,800,000
Total Value, Structural Materials			\$ 231,809,052		\$ 241,676,000

ONTARIO MINERAL PRODUCTION

TOTAL VALUE \$1,534,754,060 \$1,779,271,000

*Figures not available.

DIVISION OF MINES

GEOLOGICAL BRANCH

Room W-2329, Main Office.

Telephone (416) 965-1283.

Branch Director	Dr. E.G. Pye	W-2329 . . 1283
Geoservices Section	K.R. Kustra, Spvr	W-2311 . . 5503
Assessment Files Research	G.T. Stevens	W-1606 . . 6139
Geoscience Data Centre	H.A. Groen	W-2413 . . 4641
Geoscience Information	E.B. Freeman	W-2411 . . 4641
Scientific Review	Mrs. G.M. Scott	W-2309 . . 4536
Technical Services Officer	T. Bell	W-2333 . . 7046
Geophysics-Geochemistry Section	Dr. W.J. Wolfe, Spvr	W-2331 . . 1466
Mineral Deposits Section	J.A. Robertson, Spvr	W-2323 . . 1466
Phanerozoic Geology Section	Dr. D.F. Hewitt, Spvr	W-2401 . . 1182
Paleozoic Group	Dr. P. Telford	W-2419 . . 1183
Quaternary Group	W.R. Cowan	W-2422 . . 1183
Precambrian Geology Section	Dr. V.G. Milne, Spvr	W-2326 . . 1321
North Archean Group	P.C. Thurston	W-2336 . . 1827
Central Archean Group	W.O. Mackasey	W-2338 . . 1697
South Archean Group	Dr. D.R. Pyke	W-2322 . . 1546
Proterozoic Group	Dr. K.D. Card	W-2321 . . 1546
Special Projects Section	Dr. S.A. Ferguson, Spvr.	W-2412 . . 4641

GEOSERVICES EDUCATIONAL CLASSES

Numbers of Classes and Registrations (Classes began in years indicated)

Year	BASIC COURSE (1894)		SPECIAL TOPICS Course (1967)		INDIAN CLASSES (1968)		FIELD COURSE (1968)	
	Cl	Reg	Cl	Reg	Cl	Reg	Cl	Reg
1962	3	178	..	..	..	..	..	..
1963	3	208	..	..	..	..	..	..
1964	2	171	..	..	..	..	..	..
1965	3	187	..	..	..	..	..	..
1966	4	300	..	..	..	..	..	..
1967	4	327	1	78	..	..	..	..
1968	7	715	1	72	4	92	1	18
1969	7	594	1	82	4	200	1	20
1970	13	1,038	2	155	4	212	1	18
1971	16	1,826	3	223	9	301	3	53
1972	15	1,602	1	63	5	172	1	35

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)

Summary of Expenditures in years ending March 31

AREA	1972	1973	1973-4 To Nov 30	Area Total
	\$	\$	\$	\$
COBALT-GOWGANDA				
Company Expenditures . .	271,666.91	418,836.90	62,936.99	753,440.80
Government Payments . .	55,642.22	150,872.55	32,266.11	238,780.88
GERALDTON-BEARDMORE				
Company Expenditures . .	268,086.75	362,456.65	28,373.52	658,916.92
Government Payments . .	30,977.21	142,864.88	40,204.44	214,046.53
KIRKLAND LAKE				
Company Expenditures . .	285,429.45	174,892.21	97,535.49	557,857.15
Government Payments . .	42,615.25	93,116.63	49,224.90	184,956.78
RED LAKE				
Company Expenditures . .	100,642.94	220,934.70	132,978.07	454,555.71
Government Payments . .	1,430.92	82,637.27	62,953.10	147,021.29
TOTAL				
Company Expenditures . .	925,826.05	1,177,120.46	321,824.07	2,424,770.58
Government Payments . .	130,665.60	469,491.33	184,648.55	784,805.48

DIVISION OF MINES

MINES ENGINEERING BRANCH

Room W-1309, Main Office.

Telephone (416) 965-1328.

Branch Director	H.F.R. Davis	W-1309 . . 1328
Electrical Mechanical Section	C.M. Barrett, Chief	W-1309 . . 1328
Cable Testing Laboratory	K.J. Bee, Supt	W-B437 . . 1327
Mines Section	W.A. Hoffman, Chief	W-1309 . . 1328
Research and Advisory Engineer	W.V. McKnight	W-1309 . . 1328
Mine Rescue Training	G.G. McPhail, Insp	W-1309 . . 1328

MINE RESCUE TRAINING

Annual Summaries of Training and Equipment at Ontario Mine Rescue Stations

Numbers of	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Major Breathing App .	299	300	311	311	328	328	328	328	328	328
Active Trainees	700	617	599	623	622	680	630	612	599	591
Trained Supervisors . .	239	207	240	221	190	211	267	232	239	194
* Apparatus Men, Res . .	114	54	74	80	177	243	304	297	297	298
§ Basic Certificates	156	172	127	250	219	174	219	148	152	137
§ Standard Seals	98	120	42	115	157	49	64	108	64	103
§ Advanced Seals	51	25	25	25	...	11	87	61	28	29
§ Supervisory Seals	22	23	...	13	11	47	9	33	4	18
Attending Mgt Course . .	...	...	...	27	115	32	53	...	76	...
Central MR Stations . .	7	7	7	7	8	8	7	7	7	7
Sub-Stations	20	17	13	15	14	18	18	19	14	13

* Apparatus Men include hoistmen, cagers, mechanics and electricians (and some employees of Inco Iron Ore Recovery Plant) trained only in the wearing of breathing apparatus. Reserves take periodic refresher courses.

§ Numbers Issued.

ROPE TESTS — Annual counts of tests, grouped by industries

Year	Ontario Mines	Outside Mines	Other Industries	Manufacturers of Ropes	Specials	Total
1962	590	579	14	404	178	1,765
1963	551	621	7	394	37	1,610
1964	367	694	7	309	223	1,600
1965	352	645	2	377	79	1,455
1966	330	695	6	417	40	1,488
1967	319	672	11	382	34	1,418
1968	300	634	40	308	34	1,316
1969	330	593	13	323	25	1,284
1970	342	555	7	371	48	1,323
1971	304	547	7	328	...	1,186
1972	250	482	17	241	20	1,010

DIVISION OF MINES

MINERAL RESOURCES BRANCH

Room W-1615, Main Office.

Telephone (416) 965-1559.

Branch Director and Mine Assessor	Dr. T.P. Mohide	W-1615 . . 1559
Mineral Taxation Analysis and Assessment Section	J.A. Stoddart, Spvr	W-4403 . . 1016
Commodity Analysis Section	E.E. Matten, Spvr	W-1609 . . 6249
Metallic Minerals Section	E.J. Wade, Spvr	W-1611 . . 1311
Industrial Minerals Section	C.F. Foster, Spvr	W-1305 . . 3127
Pits and Quarries	T.W. Fletcher, Spvr	W-1306 . . 3127
Petroleum Resources Section	D.D. McLean, Spvr	880 Bay St . . 1981
Well Records Information	P.A. Wright	880 Bay St . . 1982
Reservoir Engineer	D.B. Hurd	880 Bay St . . 1062

INSPECTORS

London — Southwestern Region Office . .	R. Bryant	(519) 681-5350
Merlin — R.R. 3	G.E. Crewe	(519) 689-4889
Wallaceburg — R.R. 5	J. Deyo	(519) 627-5395
Canborough	R. Glenney	(416) 774-6860
Simcoe — 386 Norfolk St South	R. Hayward	(519) 426-3468
Dunnville — 121 Gardner Ave East	C. Laramie	(416) 774-5317

GEOLOGISTS

London — 458 Central Avenue	R.J. Beards	(519) 433-8431
London — 458 Central Avenue	R.B. Hutt	(519) 433-8431

DIVISION OF MINES

MINERAL RESEARCH BRANCH

11th Floor, 77 Grenville St, Toronto. Telephone (416) 965-1337.

Branch Director	D.A. Moddle	11th F. . . 1337
Assistant Director	W. Taylor	11th F. . . 1337
Mineral Sciences Section	R. Laakso, Spvr	11th F. . . 1337
Chemical Analysis Section	Dr. A.E.J. Pitts, Spvr . . .	10th F. . . 1337
Spectroscopy Section	Dr. A. Tuemer, Spvr . . .	10th F. . . 1337
Physical Testing Section	J.B. Walsh, Spvr	10th F. . . 1337
Temiskaming Testing Laboratory Presley Street, Cobalt	D.L. Larabie, Act. Mgr. . .	(705) 679-8313

DIVISION OF FISH AND WILDLIFE

Room W-4501, Main Office.

Telephone (416) 965-4707.

Administration	J. Rawston	W-4602 . . 7641
Special Advisor	F.A. Walden	W-4525 . . 3074

WILDLIFE BRANCH

Room W-4613, Main Office.

Telephone (416) 965-4251.

Branch Director	D.R. Johnston	W-4613 . . 4251
Wildlife Management Section	L.J. Post, Spvr.	W-4617A . 4251
Moose and Caribou	(vacant)	
Deer	J.R. Ludwig	W-4615B . 4251
Waterfowl	R.M. Alison	W-4615A . 4251
Mammalogist	D.G. Watton	W-4605B . 4251
Wildlife Planning Section	A.M. Houser, Spvr.	W-4615 . . 4251
Land Use Planner	(vacant)	
Environmental Projects Planning	Miss L. Whistance-Smith	W-4607A . 4251
Statistical Analysis	J.M. Barbowski	W-4604 . 7054
Extension Interpretation and Information Section	L.H. Mayeda, Spvr.	W-4617 . . 4251
Habitat Ecologist	D.L. Euler	W-4608 . . 4251
Field Services Section	J.A. Shannon, Spvr	W-4609 . . 4251

HUNTING STATISTICS — Estimates compiled from mailed surveys of hunters*

MOOSE

MOOSE		RESIDENT		NON-RESIDENT		
Year	Hunters	Hunter-Days	Harvest	Hunters	Hunter-Days	Harvest
1969	46,540	.....	8,520	14,740	.....	3,830
1970	51,240	426,000	9,400	10,090	77,300	3,070
1971	52,180	457,500	9,060	11,020	81,000	3,720
1972	60,620	517,000	10,320	12,490	91,500	3,470

DEER

DEER		RESIDENT		NON-RESIDENT		
Year	Hunters	Hunter-Days	Harvest	Hunters	Hunter-Days	Harvest
1969	86,490	.....	16,640	5,230	.....	1,470
1970	80,220	473,500	15,430	3,870	22,200	880
1971	77,600	462,500	17,980	4,600	26,700	1,450
1972	81,800	489,000	16,070	4,800	26,500	** 1,630

SMALL GAME

SMALL GAME		RESIDENT		NON-RESIDENT		
Year	Hunters	Hunter-Days	Harvest	Hunters	Hunter-Days	Harvest
1970	263,700	4,464,000	.....	.....	.....	.....
1971	267,869	3,842,500	.....	8,452	80,000	.....

BEAR

BEAR		RESIDENT		NON-RESIDENT		
Year	Hunters	Hunter-Days	Harvest	Hunters	Hunter-Days	Harvest
1972	6,468	.....	.....	2,328

SUMMER HUNTING

RESIDENT			
Year	Hunters	Hunter-Days	Harvest
1972	18,723	369,500	.....

*Comparisons between hunter numbers and licence sales show the number of licence holders who did not hunt.

**Includes 450 deer or general licence.

EXPENDITURE BY HUNTERS – (Excluding licence fees)

Survey Year	Hunt	Estimates compiled from mailed surveys of hunters		
		RESIDENTS	NON-RESIDENTS	TOTAL
1971-2	Deer	\$ 7,370,842	\$ 910,231	\$ 8,684,502
1971-2	Moose	8,403,182	2,879,387	10,981,492
1972	Bear	147,527	1,818,995	1,966,522
1970-1	Small Game	29,751,351	2,179,556	31,930,907
1972	Summer	3,013,270	.....	3,013,270
	TOTAL	48,788,524	7,788,169	56,576,693

WOLF BOUNTIES PAID
in years ending March 31 Under The Wolf and Bear
Bounty Act, Repealed on December 15, 1972

Year	Timber	Brush	Pups	Total	Paid
1963	1,276	691	64	2,031	\$22,664
1964	1,342	862	61	2,265	44,999
1965	1,638	1,052	63	2,753	59,997
1966	1,593	1,195	44	2,832	59,937
1967	1,578	1,277	45	2,900	59,084
1968	1,674	1,342	81	3,067	61,996
1969	1,370	1,542	51	2,963	62,025
1970	1,255	2,047	43	3,345	69,996
1971	1,469	2,061	49	3,579	67,984
1972	1,156	2,099	53	3,308	58,072
1973	561	940	25	1,526	26,751

LAW ENFORCEMENT
Seizures and Convictions
In years ending March 31

Year	Seizures	Convct
1963	2,186	2,045
1964	2,508	2,276
1965	2,216	2,236
1966	2,581	2,347
1967	2,942	2,626
1968	3,404	3,239
1969	3,557	3,489
1970	5,127	4,648
1971	4,253	4,402
1972	4,296	5,002
1973	5,037	5,103

LAND ACQUISITIONS
FOR WILDLIFE MANAGEMENT
in years ending March 31

Year	Acres	Cost
1964	1,876	\$
1965	1,900	.....
1966	2,203	.....
1967	3,461	.....
1968	1,876	107,177
1969	3,328	401,057
1970	6,557	270,368
1971	3,091	507,914
1972	4,620	903,259
1973	4,568	864,198

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR		SMALL GAME		TOTAL OF LICENCES		
	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Total
1953	92,785	8,300	5,196	637	.....	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	.....	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	.....	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	.....	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	.....	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	.....	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	.....	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	.....	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	.....	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	*14,585	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897

* Includes spring and fall hunting.

DIVISION OF FISH AND WILDLIFE

SPORT FISHERIES BRANCH

Room W-4625, Main Office. Telephone (416) 965-7883.

Branch Director	K.H. Loftus	W-4625 . . 7883
Fish Culture Section	G.C. Armstrong, Spvr. . .	W-4628 . . 7883
Hatchery Production	D.C. Sinclair	W-4631 . . 7883
Hatchery Data Systems	Mrs. L.I. Balmer	W-4631 . . 7883
Fisheries Service Section	J.C. Weir, Spvr.	W-4620A . 7883
Computations	M.W. Neal	W-4631A . 7883
Fisheries Information	C.E. Monk	W-4621 . . 7883
Planning Section	F.P. Maher, Spvr.	W-4618 . . 7883
Supply Planning	E.T. Cox	W-4619B . 7883
Demand Planning	Miss M.F. Bernier	W-4619A . 7883
Environmental Dynamics Section	Dr. D.P. Dodge, Spvr. . .	W-4624A . 7883
Habitat Maintenance	Dr. J.T. Allin	W-4622 . . 7883
Habitat Enhancement	R.M. Biette	W-4622A . 7883
Inventory Co-Ordination	D.G. Waldriff	W-4624 . . 7883
Inventory Support Services	G.A. Goodchild	W-4632 . . 7883
Population Dynamics Section	K.H. Loftus, Spvr.	W-4625 . . 7883
Salmonid Biologist	C.H. Olver	W-4632A . 7883

FISH DISTRIBUTION — from Ontario Fish Culture Stations in 1972

EE-Eyed Egg. Fy-Fry. Fg-Fingerling. Yg-Yearling. II-Two-year-old Ax-Adult.

Fish Culture Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
Chatsworth . .	41,260 Fg 358,528 Yg	1,000 Yg 2,175 II ..... .....	..... ..... ..... .....	Splake 93,000 Fy 205,255 Yg 33,906 Ax	Coho 120,598 Yg Chinook 189,860 Fg
Codrington . .	1,200 Yg	.....	8,100 Yg	.....	.....
Deer Lake . .	..... .....	..... .....	31,660 Yg .....	..... .....	Maskinonge 2,493,100 Fy 15,450 Fg
Dorion	317,400 Fg 117,200 Yg 4,110 Ax	241,100 Yg	72,600 Yg..........	...............	...............
Glenora* . . . . .	.....	.....	.....	.....	Coho 930 Yg
Hill Lake	15,000 Fy 30,000 Fg 243,450 Yg 18,901 II 659 Ax	100,000 Yg	15,250 Fg 16,000 Yg...............	.........................	.........................
Midhurst	68,110 Yg	.....	29,298 Yg	.....	.....
Normandale . .	..... ..... ..... ..... .....	..... ..... ..... ..... .....	150,000 EE 144,700 Fg 104,300 Yg 26,850 II 225 Ax	.........................	.........................
North Bay . .	54,144 Yg	58,500 Yg	75,500 Yg	.....	.....
Pembroke . . .	186,466 Yg	31,300 Yg	.....	Splake 24,820 Yg	
Sandfield	161,764 Yg	1,000 Yg	.....	Splake 1,300 Yg	Maskinonge 40,000 Fy
Skeleton Lake .	280,425 Yg	177,900 Yg 9,500 II	20,731 Yg	Largemouth Bass 11,000 Fg	Smallmouth Bass 28,500 Fg
Tarentorus . . .	138,550 Yg 3,567 II	15,000 Fg 457,840 Yg	34,000 Yg	Splake 4,600 Yg 607 II	.....

* Glenora Fisheries Research Station.

(Continued from previous page)

Fish Culture Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
Westport	29,150 Yg	44,000 Yg	5,200 Yg	Largemouth Bass	Smallmouth Bass
	66,000 Fy	46,500 Fg
	67,000 Fg	Maskinonge
	135,000 Fy
White Lake . .	131,400 Yg	182,575 Yg	10,000 Fg	Smallmouth Bass	Yellow Pickerel
	27,850 Yg		3,000,000 EE
		47,530 Fg
Warton	Kokanee	
	700,000 Fy	.....
	623,000 Fg	.....

ANGLING LICENCES

Year	No. Sold to Non-Residents
1962	433,308
1963	478,736
1964	495,135
1965	533,154
1966	571,453
1967	578,811
1968	615,611
1969	630,375
1970	605,320
1971	652,335
1972	680,152

FISH PLANTINGS — Number of Fish Culture Station Fish Planted in 000s

KEY . . . EE-Eyed Eggs. Fy- Fry. Fg- Fingerlings. Yg- Yearlings. II- Two-year-olds. Ax- Adults.

Species and Size	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972
Bass, Largemouth Fy	55	45	112	81	42	68	60	9	...	...	66
Fg	112	93	91	108	147	75	50	56	22	...	79
Yg	...	...	...	...	...	...	2	...	...	...	...
Bass, Smallmouth Fy	147	134	52	58	36	98	38	86	99	127	...
Fg	177	288	239	231	216	212	91	114	29	9	117
Herring EE	...	...	...	...	1,150	7,030	...	...	...	...	...
Fy	...	...	...	...	...	2,000	...	...	...	...	...
Maskinonge Fy	2,970	1,870	1,530	1,850	1,303	2,650	2,400	2,958	2,700	1,865	2,668
Fg	24	27	26	25	...	12	27	33	27	22	15
Pickrel, Yellow EE	20,500	7,200	14,000	15,600	10,000	13,055	6,240	10,750	12,700	11,200	3,000
Fy	8,994	11,440	1,353	...	8,232	28,000	189	1,300	31	32	...
Fg	201	217	...	56	...	42	5	14	...	...	48
Splake EE	...	...	...	...	...	20	...	...	...	...	...
Fy	...	...	...	...	...	...	...	...	...	...	93
Fg	...	...	...	...	...	1	2	...	...	181	...
Yg	112	114	88	21	69	119	36	64	257	320	236
II	...	2	12	16	...	10	...	...	...	...	1
Ax	...	...	...	...	...	...	1	1	1	...	34
Salmon, Chinook Fg	...	...	...	...	...	...	...	...	...	89	190
Salmon, Coho Yg	...	...	...	...	...	...	...	157	178	187	122
Salmon, Kokanee EE	...	...	...	683	923	310	...	...	...	...	...
Fy	...	...	...	1,609	943	385	413	572	5,316	3,464	700
Fg	...	...	...	288	...	211	59	63	95	112	623

(Continued from previous page)

Species and Size	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	
Trout, Brook	EE Fy Fg Yg II,Ax	494 ... 651 1,655 75	575 ... 392 1,883 73	400 8 506 1,726 112	674 ... 600 1,819 69	... ... 480 1,599 29	2,741 ... 1,125 1,654 93	... ... 524 1,149 40	2,150 ... 524 1,345 37	311 ... 919 1,415 39	... ... 446 1,157 39	... 15 389 1,770 27
Trout, Lake	EE Fy Fg Yg II,Ax	... 13 240 989 1	... ... 186 950 6	20 1 982 1	... ... 225 827 9	... 12 395 1,336 ...	50 ... 328 1,292 13	... 20 191 1,352 12	... ... ... 1,133 15	... ... 123 1,239 2	... ... 94 1,326 12	... ... 15 1,295 12
Trout, Rainbow	Egg EE Fy Fg Yg II,Ax	... ... ... 60 291 9	... ... ... 3 173 11	... ... ... 141 319 15	... ... 65 12 269 63	... 100 ... 31 126 10	45 631 6 88 148 43	200 333 ... 68 361 23	... 20 86 44 435 20	... ... 5 41 179 22	... 80 273 191 555 43	... 150 ... 170 425 27
Miscellaneous	Egg EE Fy Fg Yg Ax	53 ... 46,575 1 ... ...	... ... 46,351 ... 5 ...	... ... 24,030 4 4 ...	... ... 24,030 4 4 ...	... ... 19,845 ... ... ...	... 300 240 ... 13 4	... ... ... ... ... ...	... ... ... 3 15 ...	... ... 6.........	..................	..................
YEARLY TOTALS	84,399	72,038	48,844	49,296	47,024	63,112	13,886	22,004	25,756	21,824	12,287	

DIVISION OF FISH AND WILDLIFE

COMMERCIAL FISH AND FUR BRANCH

Room W-3411, Main Office. Telephone (416) 965-3345.

Branch Director	M.J. Brubacher	W-3411 . . 3345
Commercial Fish Section	J.W. Rousom, Spvr.	W-3413 . . 3345
Commercial Fish Quotas	G.F. Adams	W-3412 . . 3345
Commercial Fish Management	Mrs. D.P. Kolenosky	W-3410 . . 3345
Fur Section	M. Novak, Spvr.	W-3635 . . 3345
Fed-Prov Resource Management	W.C. Currie, Spvr	W-3627 . . 3345

FUR HARVESTS — in years ending June 30

Average Pelt Value, 1973		Totals from Sealing Officers' Reports and Fur Dealers' Returns						
		1967	1968	1969	1970	1971	1972	1973
\$21.51	Beaver . .	143,776	160,278	164,888	158,628	127,913	145,290	181,468
11.72	Mink . . .	23,964	21,272	28,464	28,200	18,152	17,871	20,724
11.56	Marten . .	26,591	13,977	30,699	24,931	20,687	25,566	27,649
47.04	Otter . . .	6,928	7,204	7,638	7,421	6,589	6,700	9,027
26.81	Fisher . . .	3,016	2,189	3,536	3,165	2,559	3,686	4,399
80.82	Lynx . . .	1,167	912	1,406	1,990	1,903	2,474	5,137
46.52	Bobcat . .	.....	.....	.....	.....	.....	10	41
2.78	Muskrat . .	359,142	369,848	539,034	347,308	286,207	301,357	385,241
10.14	Raccoon. .	11,797	14,970	19,695	15,198	13,000	29,361	29,722
0.83	Squirrel . .	7,490	17,758	15,948	6,796	6,957	3,795	2,748
0.45	Weasel . .	7,721	5,791	11,357	4,678	3,799	2,827	5,362
28.29	Col'rd Fox	4,581	3,672	6,258	5,132	4,609	8,702	8,127
31.48	Arctic Fox	26	231	77	59	102	323	23
20.56	Timb. Wolf	576	1,045	1,093	1,027	883	1,154	839
20.56	Coyote . .	.....	.....	.....	.....	.....	199	397
20.56	Black Bear	128	103	148	115	59	226	322
82.50	Wolverine	2	3	0	1	2	1	1
.....	Skunk . .	.....	.....	.....	.....	95	2	3
.....	Gray Fox .	.....	.....	.....	.....	.....	.....	.....
500.00	Polar Bear.	.....	.....	.....	.....	11	18	12
TOTAL PELTS . .		596,905	619,243	830,241	604,649	493,527	549,565	681,242
TOTAL VALUE. \$		3,708,308		3,727,960		4,234,962		
		\$2,974,869		5,201,675		2,883,164		7,230,167
TRAPPER LICENCES	Patricia . . .	1,456 @ \$1 = \$1,456			Helper 950 @ \$1 = \$			950
	Resident . .	5,258 @ \$5 =26,290			Farmer, Indian Res . . 694 @ 00 =			...
	Registered .	2,444 @ \$5 =12,220			TOTALS 10,802			\$40,916

PELTS — EXPORTED OR TANNED — in year ending June 30, 1973

Pelt	Quantity	Royalty	Value
Beaver	202,123	\$202,123.00	\$4,347,665
Fisher	5,657	5,657.00	151,664
White Fox	44	33.00	1,385
Lynx	5,585	838.00	451,379
Marten	37,278	18,639.00	430,933
Mink	21,804	21,804.00	255,542
Muskrat	427,084	21,354.20	1,187,293
Otter	10,017	12,521.25	471,199
Weasel	5,884	294.20	2,647
Wolverine	2	.80	165
Totals	715,478	283,264.45	7,299,878

ONTARIO COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Species	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	Value 1972
Bass, Rock; Crappie	137	177	206	209	271	249	276	186	193	199	130	\$ 36
Bass, White	2,491	1,991	1,836	2,733	1,805	855	819	925	210	114	1,769	317
Bullheads	423	740	513	451	348	342	395	473	378	362	344	76
Carp	1,124	1,323	938	872	937	928	987	1,046	702	770	748	82
Catfish	314	300	287	243	273	250	255	220	104	156	156	46
Caviar*	2	1	2	2	1	...	...	...	...	...	...	...
Chub	2,825	2,329	2,035	1,892	1,265	1,165	681	461	282	802	719	211
Eels	128	175	250	194	150	141	181	175	151	173	278	70
Gold Eye	34	20	28	19	7	11	2	...	1	1	...	...
Herring; Cisco	2,630	2,374	1,993	1,603	1,184	1,935	2,985	2,780	3,060	2,794	2,786	333
Ling; Burbot	623	615	600	404	343	487	382	416	396	246	311	4
Menominee	31	20	70	66	58	41	56	57	37	52	67	11
Perch	21,659	18,725	9,635	19,465	21,151	22,731	24,969	30,506	21,772	15,277	16,836	4,659
Pickarel, Yellow	3,708	5,108	3,678	3,241	3,987	3,238	2,765	2,050	1,406	1,154	1,019	473
Pike, Northern	976	990	1,134	1,099	1,005	952	956	871	752	558	525	85
Sauger	131	136	141	76	59	82	70	51	57	31	19	6
Sheepshead	1,117	1,503	831	990	1,058	666	802	451	310	103	292	6
Smelt	19,314	10,705	12,887	11,917	16,056	12,660	12,490	15,226	9,572	13,551	11,051	597
Sturgeon	133	132	98	94	86	76	79	90	47	43	29	40
Sucker	1,540	1,650	1,450	1,102	1,306	1,297	1,278	1,274	1,079	797	975	19
Sunfish	257	358	358	249	253	359	400	413	280	299	290	44
Trout, Lake	208	254	224	178	174	302	301	282	199	188	165	81
Whitefish	3,640	3,357	3,229	3,236	2,812	2,625	2,906	2,957	2,870	2,312	2,200	858
Miscellaneous	337	1,359	1,086	2,154	1,754	1,513	1,670	2,293	2,223	2,810	2,485	63
TOTAL	63,784	54,342	43,510	52,489	56,344	52,905	55,705	63,203	46,081	42,792	43,196	\$8,118

*Caviar included with sturgeon from 1967.

ONTARIO COMMERCIAL FISHERIES — Yield by Waters in 000s lbs and \$000s

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Total Value
1962	1,750	44,465	1,031	3,575	348	252	3,146	8,572	644	63,784	\$5,341
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118

LAKE ONTARIO COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Bullheads and Catfish	Carp	Eels	Lake Herring	Lake Trout	Smelt	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	203	248	125	27	1	202	355	106	483	1,750	\$331
1963	229	417	169	38	1	171	354	68	599	2,046	348
1964	167	270	246	38	...	128	125	66	975	2,015	285
1965	150	314	189	23	...	202	107	46	1,616	2,647	353
1966	123	302	143	36	...	141	57	44	779	1,625	220
1967	127	392	136	59	...	155	48	26	889	1,832	243
1968	169	412	173	40	...	168	77	22	948	2,009	284
1969	240	541	169	40	...	146	81	18	1,035	2,270	330
1970	270	493	146	25	...	165	49	10	1,747	2,905	429
1971	244	441	168	23	...	202	17	7	1,804	2,906	447
1972	204	443	271	15	...	216	21	5	1,372	2,547	454

LAKE ERIE COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Lake Herring	Yellow Perch	Sheepshead	Smelt	White Bass	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	2	20,859	1,037	19,108	2,349	10	284	818	44,465	\$2,353
1963	2	17,963	1,412	10,524	1,855	11	1,875	1,659	35,301	2,530
1964	2	8,351	752	12,735	1,723	3	599	1,216	25,381	2,377
1965	...	18,603	898	11,711	2,611	...	346	927	35,096	3,319
1966	...	20,698	940	15,914	1,757	6	991	1,120	41,426	3,105
1967	...	22,087	494	12,501	822	...	747	1,119	37,770	3,340
1968	...	24,435	651	12,223	751	1	328	1,026	39,415	2,974
1969	...	29,802	339	15,076	875	1	193	1,740	48,026	4,244
1970	...	19,999	259	9,402	195	...	26	1,874	31,755	3,770
1971	...	13,918	93	13,130	92	1	30	1,812	29,076	4,255
1972	...	15,593	272	10,519	1,756	1	51	1,990	30,182	5,375

LAKE HURON COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s (Not including Georgian Bay and North Channel)

Year	Chub	Lake Herring	Lake Trout	Yellow Perch	Sturgeon and Caviar	Suckers	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	2,180	25	...	583	7	73	349	263	95	3,575	\$802
1963	1,669	8	1	539	6	77	269	225	154	2,948	651
1964	1,442	9	1	602	6	98	320	286	254	3,018	711
1965	1,083	13	1	167	4	62	407	245	304	2,286	627
1966	653	4	...	152	3	96	348	218	484	1,958	466
1967	527	5	2	149	4	141	381	185	350	1,744	464
1968	263	5	4	71	6	121	356	325	303	1,454	509
1969	86	2	...	141	4	95	493	194	421	1,436	511
1970	53	2	...	245	1	61	607	21	262	1,252	437
1971	66	4	...	261	2	58	553	10	352	1,306	424
1972	110	3	...	148	2	93	472	2	242	1,072	374

GEORGIAN BAY COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Northern Pike	Sturgeon	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	21	82	1	10	2	130	61	41	348	\$ 95
1963	66	104	1	12	2	207	99	64	555	164
1964	24	121	2	11	3	232	93	249	735	190
1965	10	409	2	11	2	171	72	316	993	234
1966	21	286	3	7	1	157	41	235	751	171
1967	38	227	5	16	2	148	61	218	715	167
1968	21	180	17	11	...	286	61	152	728	222
1969	27	156	11	10	1	196	74	106	581	184
1970	6	127	11	8	1	207	52	86	498	176
1971	2	613	20	12	1	183	71	167	1,069	330
1972	23	516	36	9	1	172	56	146	959	320

NORTH CHANNEL COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Northern Pike	Yellow Perch	Sturgeon	Suckers	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	30	31	9	42	104	20	16	252	\$ 68
1963	34	19	11	35	34	29	10	172	49
1964	25	29	9	36	93	15	7	214	65
1965	19	88	11	46	37	14	74	289	61
1966	21	16	16	40	75	19	22	209	74
1967	25	9	13	38	79	21	22	207	70
1968	16	14	15	56	99	17	30	247	85
1969	11	9	11	47	160	19	56	313	125
1970	21	7	11	73	176	35	52	375	124
1971	16	15	7	54	226	16	48	382	138
1972	30	15	6	57	191	19	50	367	141

LAKE SUPERIOR COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Chub	Lake Herring	Lake Trout	Menominee	Sauger	Sturgeon	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	69	2,570	70	10	52	3	148	174	50	3,146	\$239
1963	81	2,319	112	11	63	2	161	167	57	2,973	271
1964	42	1,935	106	56	59	1	133	216	134	2,682	249
1965	63	1,553	102	18	18	2	135	291	88	2,270	283
1966	12	1,135	108	8	8	2	134	377	62	1,846	327
1967	8	1,854	202	6	22	3	150	274	49	2,568	351
1968	5	2,649	193	21	17	2	212	119	147	3,365	403
1969	8	2,396	202	19	12	3	211	24	76	2,951	403
1970	4	2,902	168	13	8	1	206	9	71	3,382	428
1971	52	2,577	150	14	1	1	253	4	315	3,367	447
1972	43	2,565	127	9	...	1	311	2	598	3,656	577

NORTHERN INLAND COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Goldeye	Lake Trout	Northern Pike	Sauger	Sturgeon & Caviar	Tullibee	Whitefish	Yellow Pickerel	Misc.	Total	Total Value
1962	34	137	850	78	80	494	2,544	2,539	1,816	8,572	\$1,171
1963	20	140	887	72	81	475	2,320	2,315	2,130	8,440	1,170
1964	28	117	1,033	78	58	430	2,324	2,047	1,823	7,938	1,047
1965	19	74	1,029	58	55	336	2,378	1,954	1,681	7,584	1,230
1966	7	66	935	51	44	315	1,976	2,048	1,568	7,010	1,314
1967	11	98	863	57	25	402	1,785	1,739	1,645	6,625	1,002
1968	2	103	863	51	32	232	1,861	1,666	2,001	6,811	1,136
1969	...	80	787	38	42	211	1,805	1,200	1,914	6,077	1,149
1970	1	31	695	47	31	98	1,619	1,211	1,658	5,391	1,066
1971	1	37	506	30	32	65	1,079	1,016	1,298	4,064	837
1972	...	37	468	19	18	47	1,031	885	1,377	3,882	797

SOUTHERN INLAND AND COMMERCIAL FISHERIES — Yield by Species in 000s lbs and \$000s

Year	Bullheads & Catfish	Carp	Lake Herring	Northern Pike	White Perch	Yellow Perch	Sturgeon	Whitefish	Misc.	Total	Total Value
1962	141	364	..	4	..	7	8	..	120	644	\$ 75
1963	304	337	..	1	..	6	11	..	204	863	102
1964	190	227	..	3	..	10	6	..	147	582	73
1965	185	119	..	1	3	14	6	..	110	438	61
1966	192	150	..	2	2	5	7	60	162	581	80
1967	183	166	..	3	1	7	16	34	224	634	92
1968	210	109	..	3	..	5	9	14	205	554	83
1969	216	131	28	3	1	14	11	9	216	629	101
1970	89	139	3	4	5	32	..	5	159	436	60
1971	104	228	8	3	6	93	..	1	179	622	74
1972	134	188	..	2	9	71	..	2	126	582	81

COMMERCIAL FISHING EQUIPMENT

Year	Licences	Men	Boats 40' and Over	Boats Under 40'	Gill Nets 000s yds	Pound Nets	Trap Nets	Hoop Nets	Seine Nets 00s yds	Freezers and Ice Houses	Wharves and Piers	Net Sheds	Total Value \$000s
1962	4,554	2,993	218	1,533	9,344	796	597	1,767	170	525	497	726	\$ 9,996
1963	4,679	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	10,264
1964	4,786	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	10,131
1965	4,647	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	9,972
1966	5,316	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	10,327
1967	5,407	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	10,558
1968	5,472	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	10,824
1969	5,627	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	10,774
1970	5,680	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	11,178
1971	4,813	1,999	231	907	9,247	118	400	1,461	84	308	350	578	12,397
1972	4,802	2,097	222	971	9,511	119	467	1,511	103	309	303	553	12,972

DIVISION OF FISH AND WILDLIFE

FISH AND WILDLIFE RESEARCH BRANCH

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Selective Breeding	A.H. Berst	Extension 252
	P. Ihssen	Extension 252

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Lake Huron Unit		
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DIVISION OF PARKS

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PARK MANAGEMENT BRANCH

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Sanitation	S.C. Cowan, Spvr	W-3317 . . 2745
Development	G.A. Ashenden, Spvr	W-3321 . . 2745
Development Officer	R. Robinson	W-3331 . . 2745
Interpretation	C.R. Tilt, Spvr	W-3335 . . 2745
Interpretive Planner	K. Vogan	W-3335 . . 2745
Interpretive Designer	M. Medved	W-3322 . . 2745
Bronte Creek Project Co-Ordinator	I.C. Johnson	W-3322 . . 2745

PUBLIC USE OF PROVINCIAL PARKS

Year	Vehicle Entries	Interior Campers	Campers	Average Days	Camper Days	Total of Visitors
1962	2,181,363	46,753	1,063,127	2.0	2,126,254	7,820,994
1963	2,372,223	49,372	840,491	2.8	2,353,375	8,526,443
1964	2,537,483	49,112	916,281	2.7	2,495,556	9,147,218
1965	2,437,988	53,653	902,472	2.8	2,495,284	8,875,668
1966	2,738,664	52,722	994,787	2.7	2,653,055	9,791,671
1967	2,817,362	49,957	1,155,091	2.4	2,805,143	10,192,533
1968	2,588,242	59,377	1,119,912	2.2	2,457,801	9,440,211
1969	2,946,228	51,522	1,360,639	2.2	2,956,214	10,459,936
1970	3,468,758	63,434	1,531,528	2.2	3,524,322	12,172,254
1971	3,903,368	77,100	1,618,948	2.3	3,788,525	13,658,619
1972	3,652,935	82,558	1,498,479	2.2	3,291,559	12,320,794

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Self-guiding Trails	Conducted Hikes	Evening Programs	Special Groups	Total
1962	12	374,475	55,553	9,748	47,641	.....	487,417
1963	11	371,275	61,647	10,949	51,143	.....	495,014
1964	12	390,792	80,815	10,458	49,235	.....	507,800
1965	19	326,298	81,426	10,515	51,639	.....	469,914
1966	21	392,403	88,004	11,453	53,161	.....	545,021
1967	23	384,666	117,009	20,421	57,754	.....	579,850
1968	23	420,617	114,731	14,123	121,127	.....	661,598
1969	25	447,565	104,688	19,481	202,363	.....	774,097
1970	26	401,090	121,866	14,195	172,882	.....	754,021
1971	37	460,085	198,629	25,074	208,572	.....	892,760
1972	44	415,032	184,238	22,522	132,134	43,782	796,709

GROWTH OF PROVINCIAL PARKS

Year	Camping		Reserve Areas		Provincial Parks	
	Parks	Units	No.	Acreage	No.	Acreage
1962	72	12,745	14	190,225	81	3,482,158
1963	74	13,951	27	270,503	86	3,696,368
1964	76	14,622	50	559,502	88	3,711,464
1965	80	15,427	55	437,338	89	3,742,160
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	3,763,440
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	113	10,282,848
1972	94	19,983	133	1,324,388	115	10,363,312

115 PROVINCIAL PARKS IN OPERATION IN 1972

— (Districts as April 1, 1973)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
NORTHERNWESTERN REGION					
RED LAKE					
Pakwash	1,507	64	2,740	4,148	18,473
KENORA					
Rushing River	469	166	19,161	38,193	141,142
Sioux Narrows	320	71	5,908	11,050	30,565
FORT FRANCES					
Caliper Lake	331	93	9,300	11,671	52,730
Lake of the Woods	2,673	100	6,029	14,828	27,234
DRYDEN					
Aaron	173	86	8,466	9,474	38,838
Blue Lake	874	175	14,642	33,633	64,229
SIOUX LOOKOUT					
Ojibway	6,130	54	2,980	6,623	4,002
IGNACE					
Sandbar Lake	7,800	77	8,903	10,197	11,305
Total, 9 Parks	20,277	886	78,129	139,918	388,518
NORTH CENTRAL REGION					
ATIKOKAN					
Quetico	1,148,800	135	13,668	27,058	73,348
THUNDER BAY					
Inwood	82	80	15,136	15,203	58,763
Kakabeka Falls	1,039	161	42,998	48,989	340,955
Middle Falls	11	20	5,442	5,500	35,102
Sibley	60,380	217	16,231	31,243	82,252
NIPIGON					
Blacksand	3,353	100	4,703	7,453	13,198
GERALDTON					
Klotz Lake	210	31	3,577	5,337	9,088
MacLeod Lake	200	76	9,344	16,923	60,831
TERRACE BAY					
Neys	8,150	148	22,506	26,077	82,283
Rainbow Falls	1,422	213	22,474	24,594	58,192
White Lake	4,265	204	24,178	43,003	96,659
WHITE RIVER					
Obatanga	34,035	110	11,255	14,901	23,410
Total, 12 Parks	1,261,947	1,495	191,512	266,281	934,081
NORTHERN REGION					
HEARST					
Fushimi Lake	26,775	30	1,459	1,832	3,922
Nagagamisis	14,446	83	3,912	13,336	19,107
KAPUSKASING					
Remi Lake	7,040	92	6,707	9,791	62,869

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
MOOSONEE					
Polar Bear	5,952,000	.....	.....	.....	.....
Tidewater	2,421	.....	.....	.....	.....
COCHRANE					
Greenwater	10,970	80	4,564	9,346	28,278
TIMMINS					
Kettle Lakes	2,417	150	11,330	21,979	43,119
KIRKLAND LAKE					
Esker Lakes	7,680	136	5,339	15,630	32,248
Kap-Kig-Iwan	759	64	4,507	6,324	36,184
CHAPLEAU					
Five Mile Lake	1,128	85	3,116	6,341	8,726
Ivanhoe Lake	3,276	154	10,562	17,687	41,645
Missinaibi Lake	108,877	57	1,810	7,295	2,451
The Shoals	27,670	59	5,011	7,187	19,974
Wakami Lake	5,928	70	2,426	9,737	16,586
Total, 14 Parks	6,171,387	1,060	60,743	126,485	315,109
NORTHEASTERN REGION					
WAWA					
Lake Superior	391,152	354	35,465	52,658	166,881
SAULT STE MARIE					
Batchawana	33	.....	.....	.....	48,656
Pancake Bay	1,151	278	32,573	48,543	159,919
BLIND RIVER					
Mississagi	7,124	112	5,851	13,566	48,613
ESPANOLA					
Chutes	270	91	21,534	24,908	74,420
SUDBURY					
Fairbank	214	128	11,712	18,382	44,490
Killarney	84,367	130	7,334	27,489	43,400
Windy Lake	293	76	5,870	11,278	85,784
TEMAGAMI					
Finlayson Point	91	130	9,593	20,632	61,787
NORTH BAY					
Antoine	30	30	847	1,618	6,156
Marten River	1,034	216	15,257	27,548	63,490
Restoule	1,635	301	7,490	31,333	45,872
Samuel de Champlain . .	5,805	216	13,906	22,273	38,098
Total, 13 Parks	493,199	2,062	267,432	300,228	887,566
ALGONQUIN REGION					
PARRY SOUND					
Grundy Lake	6,310	522	33,674	100,158	170,371
Killbear Point	4,340	1,036	43,737	215,213	286,187
Oastler Lake	78	182	15,490	43,343	130,872
Sturgeon Bay	35	96	6,501	22,215	33,633
BRACEBRIDGE					
Arrowhead	2,162	389	22,598	61,888	142,802
Mikisew	133	265	11,117	39,340	62,624

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
ALGONQUIN PARK					
Algonquin	1,862,400	1,245	89,643	270,435	764,054
Driftwood	655	95	6,233	12,967	8,735
BANCROFT					
Lake St. Peter	62	63	6,651	11,800	43,502
PEMBROKE					
Carson Lake	34	47	2,653	6,136	2,912
Bonnechere	280	115	4,574	15,479	10,315
Total, 11 Parks	1,876,489	4,055	242,871	798,974	1,656,007
EASTERN REGION					
OTTAWA					
Fitzroy	457	251	16,234	33,873	119,195
Rideau River	170	186	19,176	27,626	154,936
CORNWALL					
Carillon	1,715	302	8,354	14,030	67,886
South Nation	13	28	3,643	4,148	31,179
BROCKVILLE					
Charleston Lake	2,066	155	1,467	2,462	3,049
TWEED					
Sharbot Lake	99	200	12,376	33,674	55,951
Bon Echo	16,417	400	26,999	102,623	184,047
LANARK					
Silver Lake	78	197	18,130	27,650	72,733
NAPANEE					
Ferris	553	.....	.....	.....	.....
Lake on the Mountain . .	256	.....	.....	.....	.....
North Beach	221	.....	.....	.....	86,725
Outlet Beach	675	480	33,695	113,323	402,019
Presqu'Île	2,170	500	32,335	59,754	338,092
Sandbanks	1,802	.....	3,789	7,506	81,692
Total, 14 Parks	26,692	2,699	176,198	426,669	1,597,504
CENTRAL REGION					
LINDSAY					
Balsam Lake	1,109	460	30,706	93,485	104,247
Darlington	380	368	31,121	47,309	215,144
Emily	157	300	19,601	38,200	107,040
Mark S. Burnham	100	.....	.....	.....	.....
Serpent Mounds	138	128	14,040	39,388	169,366
HURONIA					
Bass Lake	87	150	12,815	21,562	188,018
Devil's Glen	150	40	4,651	6,888	49,126
Earl Rowe	743	593	54,377	98,363	292,541
Mara	112	104	11,580	21,121	69,219
McRae Point	170	205	6,643	11,597	47,016
Six Mile Lake	183	192	18,902	36,615	126,919
Springwater	116	.....	.....	.....	69,347
Wasaga Beach	2,443	.....	.....	.....	482,816

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
MAPLE					
Sibbald Point	556	725	49,229	99,168	395,808
NIAGARA					
Rock Point	241	47	5,727	8,528	76,523
Total, 15 Parks	6,685	3,312	259,392	522,224	2,393,129
SOUTHWESTERN REGION					
SIMCOE					
Long Point	849	327	18,850	46,604	298,111
Selkirk	145	160	5,959	11,327	78,755
Turkey Point	782	473	15,600	30,035	456,403
AYLMER					
Iroquois Beach	560	91	2,122	3,962	213,281
John E. Pearce	168	.....	.....	.....	.....
Port Bruce	5	.....	.....	.....	.....
CHATHAM					
Holiday Beach	489	56	4,504	9,451	201,394
Ipperwash	198	274	20,424	71,905	210,472
Pinery	5,350	1,353	108,923	209,145	1,397,950
Rondeau	11,455	411	35,321	83,379	558,147
Wheatley	596	187	13,718	33,365	120,051
WINGHAM					
Point Farms	760	241	17,320	41,533	115,771
OWEN SOUND					
Craigleith	162	170	16,386	34,953	65,288
Cyprus Lake	1,654	250	18,230	43,451	97,618
Inverhuron	545	325	22,946	71,600	183,543
Sauble Falls	428	150	13,876	21,921	140,466
Total, 16 Parks	24,146	4,468	314,179	712,631	4,137,250
WILD RIVER PARKS					
Chapleau-Nemegosenda . .	25,000	.....	.....	.....	.....
Lady Evelyn	10,000	.....	.....	.....	.....
Mattawa	8,143	.....	.....	.....	.....
Mississagi	25,000	.....	.....	.....	.....
Winisk	415,400	.....	.....	.....	.....
Total, 5 Parks	483,543	.....	.....	.....	.....
NATURE RESERVES					
Gibson River	415	.....	.....	.....	.....
Matawatchan	160	.....	.....	.....	.....
Montreal River	108	.....	.....	.....	.....
Purphyry Island	264	.....	.....	.....	.....
Trillium Woods	25	.....	.....	.....	.....
Waubashene Beaches . .	84	.....	.....	.....	.....
Total, 6 Parks	2,056	.....	.....	.....	.....
TOTAL, 115 Parks	10,363,312	19,983	1,498,479	3,291,559	12,320,794

133 PROVINCIAL PARK RESERVE AREAS

— March 31, 1973 (Districts as April 1, 1973)

Region, District Reserve Area	Area in Acres
NORTHWESTERN REGION	
RED LAKE	
Irregular Lake	370,000
Trout Lake	21,420
KENORA	
Pipstone Peninsula	3,660
Pistol Lake	4,000
FORT FRANCES	
Long Sault Burial Mounds . .	77
Pow-Wow Grounds	1,730
Sandpoint Island	1,970
Total, 7 Areas	<u>402,757</u>
NORTHERN REGION	
HEARST	
Fushimi	15,775
Lake Nagagami	4,085
Rogers	1,510
KAPUSKASING	
Missinaibi Wild River	27,000
COCHRANE	
Long Point Peninsula	18,500
Otter Rapids	486
Pierre-Montreuil	42,088
TIMMINS	
Dana Lake	6,400
KIRKLAND LAKE	
McCann	640
GOGAMA	
Dividing Lake	19,240
La Motte Lake	1,250
CHAPLEAU	
Mississagi	97,100
Total, 12 Areas	<u>234,074</u>
NORTHEASTERN REGION	
WAWA	
Pothole Nature Reserve	870
SAULT STE MARIE	
Marks Bay	258
BLIND RIVER	
Aubrey Falls	17,000
Mashagama	8,300
ESPANOLA	
La Cloche Lake	6,200
SUDBURY	
Halfway Lake	58,240
Mashkinonje	2,543
Wahnipitae Lake	1,446

Region, District Reserve Area	Area in Acres
TEMAGAMI	
W.B. Greenwood	23,000
NORTH BAY	
Restoule	1,155
South Bay (Lake Nipissing) . .	3,936
Total, 11 Areas	<u>122,948</u>
NORTH CENTRAL REGION	
ATIKOKAN	
Warner Lake	745
White Otter Lake	60,000
THUNDER BAY	
Arrowhead Peninsula	850
Cavern Lake Canyon N.R. . . .	467
Fort William Historic Park . . .	45
Inwood	1,000
Kashabowie Lake	19,130
Ouimet Canyon	1,920
Pigeon River	3,240
Silver Falls (Dog Lake)	8,800
NIPIGON	
Cypress River	600
Eaglehead Lake	750
Gravel Bay	250
Gravel River	800
Humbolt Bay	73,000
Kopka Lake	89,650
Partridge Lake	6,500
GERALDTON	
Esnagami River	58,000
Lukinto Lake	2,250
Purgatory Chutes	100
TERRACE BAY	
Slate Islands N.R.	9,793
Steel River	2,700
WHITE RIVER	
Kakakiwibik Lake	58,880
Kawapitapika Lake	2,800
Total, 24 Areas	<u>402,270</u>
ALGONQUIN REGION	
PARRY SOUND	
CNR Line (Foley-Perry)	664
Magnetewan Wild River	19,572
McDonald Bay	1,100
Moon Island	15,000
O'Donnell Point	2,130
Round Lake	24,265
Shawanaga Basin	2,560

(Continued from previous page)

Region, District Reserve Area	Area in Acres	Region, District Reserve Area	Area in Acres
South Limestone Isl. N.R.	11	Devil's Glen N.R.	124
BRACEBRIDGE		Dunnedin Nature Reserve .	200
Bigwind Lake	5,625	Giant's Tomb	1,173
Chetwynd	360	Hawkestone	100
Ragged Falls	740	Lavender Falls (Noisy R) . .	100
Trout Creek	3,279	Matchedash	6,200
MINDEN		Methodist Point	2,800
Gull River	58	Mono Rocks	741
Kinear Property	196	Nottawasaga Lookout . . .	330
Red Pine Lake	6,580	Primrose	2,652
ALGONQUIN PARK		MAPLE	
Madawaska River	1,270	Credit Forks	507
BANCROFT		Duclos Point	160
Kawartha Highlands	3,804	CAMBRIDGE	
MacKenzie Lake	3,408	Bronte Creek	1,508
Peterborough Petroglyphs .	2,763	Cranberry Bog	21
Silent Lake	1,864	Hilborn	178
PEMBROKE		NIAGARA	
Madawaska Wild River . . .	1,270	Effingham	836
Mountain Chutes	9,841	James N. Allan	269
Portland	35		
Round Lake	571	Total, 26 Areas	23,022
Total, 24 Areas	106,966		
EASTERN REGION		SOUTHWESTERN REGION	
BROCKVILLE		AYLMER	
Blue Mountain	450	East Zorra Trail	60
LANARK		CHATHAM	
Kilmarnock	63	East Sister Island	36
Mouth of Tay	165	Fox Property	19
Murphy's Point	1,161	Pêche Island	110
TWEED		Pelee Island	338
Bauder Property	86	Tremblay Beach	227
NAPANEE		OWEN SOUND	
Casey Point	81	Beaver Valley Lowlands . .	1,014
Frontenac	9,036	Beaver Valley Ski Area . . .	685
Wolfe Island	709	Cape Chin	1,283
Total, 8 Areas	11,751	Colpoys Bay	150
CENTRAL REGION		Dorcas Bay	98
LINDSAY		Hope Bay	92
Buckhorn	950	Johnston Harbour	3,313
Indian Point	1,700	Kolapore Uplands	3,878
Kendall Recreation Area . .	863	Lion's Head	3
Peter's Woods N.R.	83	MacGregor Point	500
Scugog Island	415	Meaford Lookout	100
Wolf Island	464	Osler Bluffs	85
HURONIA		Pretty River	1,583
Allendale	83	Stokes Bay	704
Bass Lake Nature Reserve .	458	Umbrella Lake	7,318
Couchiching	108	Total, 21 Areas	21,596
		TOTAL, 133 Areas	1,324,388

DIVISION OF PARKS

HISTORICAL SITES BRANCH

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Branch Archaeologist	W. Russell	W-6508 . . 4490
Architectural Historian	D. Mahon	W-6508 . . 4490
Systems Planning		
Historian	J. Weiler	W-6508 . . 4490
Historian	T. Baxter	W-6508 . . 4490
Geographer-Historian	M. Carscadden	W-6508 . . 4490
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Admin Officer	R. Montgomery	7838
Information Officer	Miss B. McConnell	7838
Royal Navy & Military Establishments		
(Penetanguishene) and Museum of the		
Upper Lakes (Wasaga Beach)		
c/o Ste Marie	C.A. Bourque, Mgr.	(705) 526-7838
Curator	W.M. Lanauze	7838

ATTENDANCE AT HISTORICAL PARKS

SAINTE-MARIE AMONG THE HURONS					MUSEUM OF THE UPPER LAKES		
Season		Off-Season		Years	Season		Visitors
Days	Visitors	Days	Visitors		Days	Visitors	
1967	143	123,369	...	1969	150	16,093	
1968	150	124,868	...	1970	150	14,709	
1969	150	126,567	208	1971	143	15,712	
1970	150	128,048	220	1972	143	14,121	
1971	143	144,166	219				
1972	143	120,963	173				

DIVISION OF PARKS

PARK PLANNING BRANCH

Room W-3308, Main Office. Telephone (416) 965-3981.

Branch Director	T.E. Lee	W-3308 . . 3981
Secretary	Miss M. Whitelock	W-3308 . . 3981
Systems Planning	R. Mitton, Spvr	W-3312 . . 3981
Multi-Year Planner	D. Hallman	W-3313A . 3981
Trails Planner	C. MacDonald	W-3316 . . 3981
Master Planning	N. Richards, Spvr	W-3313 . . 3981
Environmental Planning	H.J. Gibbard, Spvr	W-3314 . . 3981
Earth Sciences	A.G. Tracey	W-3303 . . 3981
Life Sciences	T.J. Beachey	W-3303 . . 3981
Site Development Unit (Maple Dist)	I. Olcay, Spvr	(416) 832-2261-336

DIVISION OF LANDS

Room W-1410, Main Office.

Telephone (416) 965-6045.

Administration J. Botterill W-6637 . . 2724

LANDS ADMINISTRATION BRANCH

Room W-1618, Main Office.

Telephone (416) 965-1316.

Branch Director	J. McGinn	W-1618 . . 1316
Public Lands Section	G.A. Simons, Spvr	W-1408 . . 2741
Public Lands Management	L.E. Fleguel	W-1301 . . 4507
Disposition	Miss J.A. Hunter	W-1407 . . 2743
Renewals and Reviews	G.J. Madill	W-1302 . . 1251
Mining Lands Section	J.C. Smith, Spvr	W-1626 . . 1380
Projects Supervisor	F.W. Matthews	W-1617 . . 6918
Eastern Ontario Mining Recorder	D.S. Andrews	W-1506 . . 1322
Senior Mining Recording Clerk	W. Manza	W-1626 . . 1380
Eastern Ont. Mining Claims Inspector, 31 Springbrook Drive, Kawartha Heights, Peterborough	D.H. Leaper	(705) 743-6849
Land Acquisition Section	V.A. Leonard, Spvr	W-1412 . . 2738
Titles Section	W. Good, Spvr	W-6408 . . 1319
Control Officer	A.E.B. Armstrong	W-1620 . . 1319
Document Officer	C.D. Egerton	W-1620 . . 1319
Acreage Tax Administrator	Mrs. D.H. Holland	W-6408 . . 1319
Records Officer	H.V. Argue	W-6408 . . 1319

FREE GRANT LAND — in years ending March 31

Year	Locations		Cancellations		Assignments		Patents	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1963	74	7,979	..	.....	30	3,939
1964	12	1,222	1	100	18	2,385
1965	23	2,721	..	.....	11	1,319
1966	24	2,756	..	.....	12	1,307
1967	2	186	..	.....	7	732
1968
1969	3	268	1	68	2	168
1970	3	177
1971	1	100
1972
1973

AGRICULTURAL LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1963	5	284	59	5,868	5	446	84	9,512	..	.....
1964	6	549	9	810	1	80	88	8,783	..	.....
1965	16	1,384	48	4,778	..	.....	62	6,468	..	.....
1966	12	1,084	29	2,860	..	.....	42	4,362	..	.....
1967	6	476	15	1,591	..	.....	28	2,510	1	100
1968	1	160	2	240	..	.....	24	2,480	2	177
1969	2	226	2	235	..	.....	19	2,144	..	.....
1970	1	86	1	80	..	.....	8	902	1	9
1971	3	425	..	.....	..	.....	4	505	..	.....
1972	1	62	..	.....	..	.....	1	115	..	.....
1973	1	39	..	.....	..	.....	3	279	..	.....

SUMMER RESORT LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Surveys	Crown Leases	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres		No.	Acres
1963	1,131	1,068	25	29	11	8	1,418	1,494	1,374	...	...
1964	912	929	17	19	6	7	1,088	1,092	939	...	...
1965	881	824	32	33	3	8	977	981	726	...	...
1966	856	863	23	21	17	25	833	925	838	...	...
1967	1,142	1,109	17	15	30	27	827	821	897	...	...
1968	944	977	20	24	27	23	961	940	746	...	...
1969	1,379	1,392	25	27	25	27	1,117	1,080	1,018	...	...
1970	1,563	1,565	16	19	32	30	1,065	1,195	1,447	...	...
1971	1,539	1,459	12	14	44	121	1,519	1,461	.....	...	...
1972	179	241	9	11	11	10	1,457	1,506	.....	284	473
1973	56	89	3	4	2	2	790	793	.....	398	313

CITIES, TOWNS AND TOWNPLOTS — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1963	77	31.941	31	6.381	8	2.855	99	36.547	7	28.314
1964	64	34.650	4	4.892	1	0.2	67	218.826	3	2.305
1965	27	7.140	13	2.840	1	0.394	45	15.019	1	0.13
1966	34	14.189	11	2.140	1	0.24	45	12.254	1	0.69
1967	27	10.275	5	1.063	1	0.09	23	13.106	..	.....
1968	37	12.491	5	1.165	5	1.18	37	14.986	1	0.50
1969	71	64.638	3	1.39	1	0.30	59	15.563	1	.....
1970	63	56.921	9	27.072	2	0.45	34	92.558	3	17.349
1971	31	97.983	1	0.110	..	.....	40	16.015	..	.....
1972	62	39.634	2	4.610	..	.....	49	38.267	1	0.130
1973	68	52.141	..	.....	..	.....	42	34.118	..	.....

LAND FOR SPECIAL USE — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1963	100	2,527.392	3	180.21	..	....	146	4,683.112	23	1,387.196
1964	75	1,529.052	4	83.03	..	....	140	6,624.6265	24	4,162.1467
1965	86	622.792	8	432.33	..	....	126	16,667.445	22	1,916.369
1966	83	671.358	8	244.489	..	....	99	2,345.328	15	926.54
1967	128	1,462.543	3	47.01	..	....	149	3,916.502	13	937.583
1968	108	1,192.00	4	204.00	1	1.00	153	1,896.00	8	221.00
1969	125	3,283.274	4	466.39	1	0.22	144	3,803.024	10	246.37
1970	111	954.161	2	1.55	..	....	113	2,747.811	10	217.765
1971	104	1,658.862	..	.....	..	....	161	3,908.937	10	131.657
1972	73	2,058.114	9	411.912	..	....	118	4,122.455	8	49.715
1973	53	1,199.084	2	51.170	..	....	99	24,587.129	8	155.17

LICENCES OF OCCUPATION AND LEASES — in years ending March 31

Year	LICENCES OF OCCUPATION				LEASES					
	Issued		Cancelled		Issued		Cancelled			
	No.	Acres	No.	Acres	No.	Parks	Acres	No.	Parks	Acres
1963	47	.....	79	.....	51	..	.....	31	..	.....
1964	70	.....	96	.....	50	..	.....	34	..	.....
1965	32	.....	66	.....	127	..	.....	111	..	.....
1966	53	.....	71	.....	76	..	.....	86	..	.....
1967	65	1,458	90	2,891	82	..	404	97	..	1,214
1968	72	7,275	58	6,662	97	..	418	112	..	357
1969	61	3,575	62	8,609	81	..	351	94	..	415
1970	67	1,134	44	1,688	101	..	349	85	..	209
1971	50	3,383	64	363	25	..	236	22	..	176
1972	132	27,176	..	.....	126	..	2,991	..	..	.....
1973	85	4,281	4	326	48	49	411	8	4	28

MINING LANDS — January 1, 1972, to March 31, 1973

Year	PATENTS		LEASES		Surface Rights		LICENCES OF OCCUPATION		QUIT CLAIM DEEDS AND REGRANTS	
	No.	Acres	Renewals and Conversions	New	No.	Acres	No.	Acres	No.	Acres
1973	123	19,740	106	31,524	2	2,785	39	2,218.175

PROSPECTING ACTIVITIES

Year	MINING CLAIMS			ASSESSMENT WORK (Days)	QUARRY PERMITS Issued	MINERS LICENCES	
	Recorded	Cancelled	In Good Standing			Issued	Renewed
1963	17,407	17,247	23,029	431,323	...	1,824	3,332
1964	51,547	15,545	59,031	465,689	...	4,879	3,411
1965	38,757	28,500	69,288	1,156,463	367	2,925	5,010
1966	39,097	42,726	65,659	841,798	408	2,863	4,765
1967	32,271	39,693	58,237	968,431	401	1,882	4,313
1968	38,705	31,629	65,313	1,070,212	459	2,257	3,878
1969	45,852	31,621	79,544	1,369,470	484	1,768	3,347
1970	40,693	36,867	93,775	1,800,360	521	1,534	3,117
1971	24,410	42,501	75,684	1,251,205	...	1,310	3,192
1972	19,267	37,753	57,198	857,940	598	1,239	2,955
1973	18,170	30,065	45,116	598,337	661	1,287	2,601

LANDS ACQUIRED BY CROWN — Number of Acres in years ending March 31

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased or Otherwise Acquired	Total	Acreage Tax Forfeitures
1963	16,187	14,062	7,500	31,749	.....
1964	9,399	2,139	10,500	22,038	.....
1965	2,174	7,969	12,081	22,224	.....
1966	5,484	1,989	8,285	15,758	.....
1967	8,402	1,840	12,601	22,843	.....
1968	8,344	470	46,435	55,249	.....
1969	2,411	996	208,026	211,433	.....
1970	3,272	128	88,023	91,423	.....
1971	1,515	14	10,692	12,221	.....
1972	1,519	428	10,745	12,692	.....
1973	4,160	55	33,611	37,826	*68,750

* January 1, 1972, to March 31, 1973.

USE CATEGORY OF ACQUIRED LANDS — Acres in years ending March 31

Year	Provincial Parks	Access Points	Wilderness Areas	Sport Fisheries	Wildlife Mngt	Timber Mngt	District Imprvmts	Total
1968	9,142	1,135	357	8,829	3,328	32,632	154	55,577
1969	5,422	349	136	5,007	6,557	194,496	1,481	213,448
1970	3,633	350	21	1,318	3,091	83,240	3	91,656
1971	3,317	444	656	656	4,620	4,316	.....	14,009
1972	6,967	22	531	3,579	4,568	2,045	.....	17,712
1973	26,277	162	374	477	2,569	3,752	.....	33,611
1973 Cost								
\$. . .	10,418,161	148,707	206,635	127,466	572,323	365,201	.....	11,838,493

DIVISION OF LANDS

LAND USE CO-ORDINATION BRANCH

Room W-1411, Main Office. Telephone (416) 965-2899.

Branch Director	R.J. Burgar	W-1411 . . 2899
Land Use Planning Section	P.G. Rimmington, Spvr . .	W-1411 . . 2899
Land Use Liaison Section	E.M. Cressman, Spvr . . .	W-1411 . . 2899
Municipal Plan Review Section	E.F. Anderson, Spvr . . .	W-1411 . . 2899

PLANS REVIEWED — in years ending March 31

Year	SPECIFIC DEVELOPMENT PLANS			OFFICIAL MUNICIPAL Plans and Amendments
	Subdivision	Severance	Condominium	
1973	698	60	20	113

DIVISION OF LANDS

SURVEYS AND MAPPING BRANCH

Room W-6602, Main Office.

Telephone (416) 965-6225.

Branch Director, Surveyor General	R.G. Code	W-6602 . . 6225
Cadastral Surveys Section	F.C. McKergow, Spvr . .	W-6619 . . 2714
Crown Surveys	J.E. Hietala	W-6619 . . 2714
Mining Lands Surveys	T.E. Briggs	W-1628 . . 1187
Survey Research, Descriptions	J.P. Campbell	W-6619 . . 2714
Survey Records Information	D.E. Jeanes	W-6404 . . 7058
Control Surveys Section	M. Berman, Spvr	W-6604 . . 2714
Control Survey Agreements	J.H. Kerr	W-6601 . . 2714
Geographical Referencing		
Design and Development	R. Groot	W-6607 . . 4538
Implementation Supervisor	W.E. Jenns	W-6605 . . 4538
Co-Ordinator, Mapping Services	J.A. Haddon	W-6619 . . 4941
Inventory Section	B. Cardwell, Spvr	W-3415 . . 6914
Forest Resources Inventory		
Field Operations	J.R. McKnight	W-3414 . . 6914
Darkroom	W.T. Masters	W-3501 . . 6914
Ontario Land Inventory		
97 Newkirk Road, Richmond Hill		
Forest Sector	A. Boissonneau	(416) 884-8151
Recreation Sector	V. Mann	(416) 884-8151
Drafting Services Section	H.A. Sexton, Spvr	W-6503 . . 7108
Crown Lands	D.F. MacKinnon	W-6502 . . 7108
Mining Lands	B. Kozij	W-1632 . . 1187
Forest Resources Inventory	R.R. Brown	W-3401 . . 6914
Ontario Land Inventory (R. Hill)	N.W. McLeod	(416) 884-8151
Conservation Authorities	W.J. Clark	W-4403 . . 3319
Lake Resources Inventory	J.M. Alvares-Lobo	F-1064 . . 3781
Scientific Review	R. Balgalvis	W-2317 . . 4534
Petroleum Resources	B. Dimitroff	880 Bay St . . 1062
Cartography Section	J.G. Pound, Spvr	W-2609 . . 4743
Supervisory Cartographers	F.W. Dawson	W-2616 . . 1822
	B. Jackson	W-2602 . . 1208
	P.A. Ralph	W-2603 . . 1804
	D.W. Robeson	W-2617 . . 1823
Ontario Geographic Names Board	M.B. Smart, Exec. Secy . .	W-6606 . . 6515
Toponymist	P.J. Roulston	W-6606 . . 6515
Ontario Centre for Remote Sensing		
Acting Associate Director	V.G. Zsilinszky	801 Bay St. . . 8411

DISTRIBUTION OF LITHOGRAPHED MAPS — in years ending March 31

Year	20 20A	Territorial Series	Electoral 33A	Misc	Topographical Series		Total
					Provincial	National	
1963	1,194	11,215	193	9,517	21,842	47,712	91,673
1964	652	8,255	313	9,503	9,525	34,160	62,408
1965	651	9,152	257	6,651	7,060	35,210	58,981
1966	586	9,881	135	14,526	2,543	39,697	67,368
1967	664	8,654	4,849	13,033	6,157	40,854	74,211
1968	760	8,443	2,094	12,785	8,931	49,734	82,753
1969	503	7,826	718	7,140	19,147	54,479	89,813
1970	712	8,678	1,018	9,507	28,911	64,205	113,031
1971	644	9,284	1,919	9,925	30,706	72,199	124,677
1972	1,209	7,555	5,476	2,808	44,242	74,018	135,308
1973	847	8,635	2,349	3,054	35,617	76,077	126,579

RETRACEMENT SURVEYS

Years ending March 31	Miles
1963	290
1964	235
1965	321
1966	385
1967	313
1968	280
1969	270
1970	265
1971	300
1972	335
1973	242

FIELD SERVICES DIVISION

Room W-5615, Main Office. Telephone (416) 965-2781.

FOREST FIRE CONTROL BRANCH

Room W-5607, Main Office. Telephone (416) 965-2781.

Branch Director	W.L. Sleeman	W-5607 . . 2781
Fire Control	J.F. Goodman, Spvr	W-5602 . . 2781
Fire Systems Analyst	G.E. Doan	W-5602 . . 2781
Communications	J. Azevedo	W-5606 . . 2781
Flight Ops Officer, Malton Airbase	W.C. Clarke	(416) 248-3487

FOREST FIRE RECORD

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1917	\$ .....	\$ .....	.....	.....	384,164	1,110	346
1918	.....	.....	.....	.....	30,172	965	31
1919	.....	.....	.....	.....	922,161	1,780	518
1920	,.....	.....	.....	.....	358,851	1,287	279
1921	.....	.....	.....	.....	749,534	1,269	591
1922	.....	.....	.....	.....	346,193	1,021	339
1923	.....	.....	.....	.....	2,120,148	1,343	1,579
1924	.....	.....	.....	.....	146,017	851	171
1925	.....	.....	.....	.....	189,543	1,149	165
1926	.....	.....	65,888	22,486	88,374	1,110	80
1927	.....	.....	22,772	12,970	35,742	924	39
1928	.....	.....	96,436	3,947	100,383	536	187
1929	.....	.....	608,750	16,893	625,643	1,550	404
1930	.....	.....	357,531	354,278	711,809	1,402	508
1931	.....	.....	105,866	32,421	138,287	1,851	75
1932	.....	.....	626,555	52,466	679,021	2,073	328
1933	.....	.....	325,034	24,924	349,958	1,919	182
1934	.....	.....	160,348	38,285	198,633	1,568	127
1935	.....	.....	183,179	67,483	250,662	1,309	191
1936	.....	.....	1,153,876	110,557	1,264,433	2,264	558
1937	.....	.....	201,887	22,859	224,746	1,453	155
1938	.....	.....	96,168	42,077	138,245	1,292	107
1939	.....	.....	26,089	3,009	29,098	961	30
1940	.....	.....	100,990	20,624	121,614	1,014	120
1941	.....	.....	271,793	394,754	666,547	1,265	527
1942	.....	.....	77,709	36,007	113,716	1,224	93
1943	.....	.....	33,465	19,352	52,817	624	85
1944	.....	.....	73,228	95,663	168,891	1,137	149
1945	.....	.....	17,997	30,513	48,510	966	50
1946	.....	.....	44,656	32,113	76,769	1,739	44
1947	.....	.....	38,093	45,939	84,032	1,393	60
1948	.....	.....	854,778	162,611	1,017,389	2,036	500
1949	.....	.....	40,593	19,472	60,065	1,834	33
1950	55,148	103,682	13,203	23,577	36,780	985	37
1951	389,447	56,389	96,662	4,581	101,243	904	112
1952	29,504	31,347	7,264	5,157	12,421	1,095	11
1953	393,874	81,778	44,519	14,290	58,809	1,520	39
1954	406,241	15,650	36,115	18,578	54,693	881	62
1955	3,591,680	184,940	370,948	25,475	396,423	2,252	176
1956	3,068,152	22,319	221,822	4,390	226,212	1,017	222
1957	463,059	113,751	24,250	22,401	46,651	1,671	28
1958	311,503	97,036	25,544	11,108	36,652	1,558	24
1959	22,041	20,757	2,580	2,701	5,281	1,029	5
1960	438,094	56,442	29,190	2,196	31,386	956	33

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1961	\$31,989,802	\$152,638	1,180,900	3,828	1,184,728	1,305	908
1962	74,748	99,165	7,583	6,221	13,804	1,521	9
1963	706,888	39,932	40,692	15,446	56,138	1,885	30
1964	500,296	19,792	22,463	5,661	28,124	1,829	15
1965	386,850	254,105	14,995	4,909	19,904	1,218	16
1966	71,521	49,457	8,453	5,962	14,415	1,921	8
1967	1,353,919	87,638	58,733	4,769	63,502	1,465	43
1968	4,174	54,146	2,665	6,796	9,461	1,219	8
1969	134,756	4,623	4,481	1,653	6,134	901	7
1970	1,323,041	28,815	.....	.....	56,160	1,239	45
1971	462,064	75,875	.....	.....	36,199	1,790	20
1972	1,081,876	47,446	.....	.....	79,145	1,604	49
1973	11,944	121,900	5,973	2,940	8,913	1,111	8

1973 FOREST FIRES

District	Acres Burned Over	Number of Fires	Acres Per Fire	Months	Acres Burned Over	Number of Fires	Acres Per Fire
Dryden . . .	29.7	43	0.7	March	194.3	21	9.3
Fort Frances .	1,452.8	56	25.9	April	2,129.6	224	9.5
Ignace	34.0	16	2.1	May	134.1	205	6.4
Kenora	107.4	66	1.6	June	2,840.1	115	24.7
Red Lake . . .	268.9	24	11.2	July	1,059.1	304	3.5
Sioux Lookout	1,017.3	43	23.7	August	1,210.2	88	13.8
				September . .	32.8	78	0.4
Atikokan . . .	81.4	39	2.1	October	128.6	38	3.4
Geraldton . .	2,054.1	10	205.4	November . .	7.0	2	3.5
Nipigon . . .	50.3	26	1.9	Total	8,912.8	1,111	8.0
Terrace Bay .	27.8	18	1.5				
Thunder Bay .	1,314.2	79	16.6				
White River .	1.6	2	0.8				
Chapleau . . .	18.6	15	1.2				
Cochrane . . .	168.8	20	8.4				
Gogama	605.4	11	55.0				
Hearst	73.3	19	3.9				
Kapuskasing .	78.1	13	6.0				
Kirkland Lake	58.2	40	1.5				
Moosonee . .	10.0	2	5.0				
Timmins	8.6	8	1.1				
Blind River . .	11.3	12	0.9				
Espanola . . .	10.1	8	1.3				
North Bay . .	456.3	50	9.1				
Sault Ste Marie	10.2	4	2.6				
Sudbury	258.6	156	1.7				
Temagami . .	14.3	20	0.7				
Wawa	185.0	18	10.3				
Algonquin Park	10.6	30	0.4				
Bancroft . . .	87.6	42	2.1				
Bracebridge .	18.9	22	0.9				
Minden	53.0	27	2.0				
Parry Sound .	24.0	35	0.7				
Pembroke . .	72.5	36	2.0				
Lanark	9.8	12	0.8				
Tweed	215.6	65	3.3				
Huron	5.4	6	0.9				
Lindsay	9.8	14	0.7				
Owen Sound .	2.3	4	0.6				
Total	8,912.8	1,111	8.0				

DETECTION OF FOREST FIRES

Agencies of Detection	1966	1967	1968	1969	1970	1971	1972	1973
Towers	560	356	275	190	210	287	129	12
Ministry Aircraft.	189	161	53	96	195	308	395	176
Total Organized Dtn . .	749	517	328	286	405	592	524	188
Public	1,036	866	866	579	711	1,098	909	852
Other Aircraft	136	82	25	36	123	100	171	71
Total Random Dtn . . .	1,172	948	891	615	834	1,198	1,080	923
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111
%age, Organized Dtn . . .	39	35	27	33	25	33	33	17

SIZES OF FOREST FIRES

Area Burned Over	1966	1967	1968	1969	1970	1971	1972	1973
Up to 1/4 Acres	998	630	481	474	645	894	703	523
Over 1/4 to 10 Acres	834	712	602	383	508	755	757	534
Over 10 to 100 . . . Acres	70	99	118	36	61	108	97	43
Over 100 to 500 . . . Acres	14	16	17	6	11	17	26	6
Over 500 Acres	5	8	1	2	14	16	21	5
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

PROSECUTIONS

Actions re Forest Fires	1966	1967	1968	1969	1970	1971	1972	1973
Prosecutions	28	31	41	34	18	63	50	32
Convictions	26	27	36	29	16	55	43	29

CAUSES OF FOREST FIRES – I

GENERAL CAUSES	1966	1967	1968	1969	1970	1971	1972	1973
Recreation	719	567	356	256	363	702	346	357
Resident	223	203	262	128	150	192	206	164
Incendiary	18	23	32	9	21	27	29	25
Railways	117	176	141	78	125	152	175	149
Industry (Forest)	15	10	18	7	3	24	13	13
Industry (Other)	73	38	44	21	20	49	35	30
Miscellaneous (Known)	205	236	270	191	140	282	252	165
Unknown	12	14	17	9	14	23	20	35
Lightning	539	198	79	202	403	339	528	173
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

CAUSES OF FOREST FIRES – II

SOURCE OF IGNITION	1966	1967	1968	1969	1970	1971	1972	1973
Smoking Materials	510	442	325	212	250	405	263	242
Camp Fires	302	219	117	139	164	357	155	168
Matches	153	120	127	65	78	140	146	88
Fireworks	35	31	25	18	10	30	32	2
Explosives	2	2	1	1	...	...	4	1
Fusee	6	13	2	8	6	10	13	7
Prescribed Burning	2	9	...	1	2	...	1	0
Dump Ashes, Coals	2	3	8	3	2	4	3	3
Burning Grass	33	47	47	32	39	50	45	58
Burning Brush	42	26	42	23	19	34	32	28
Burning Rubbish	46	56	70	31	42	33	37	32
Burning Garbage Dump	48	31	49	24	15	41	35	24
Burning Bulldozed Pile	4	5	7	1	...	3	5	0
Burning Sawdust Pile	4	3	...	...	1	3	...	3
Burning Ties	6	8	...	1	...	4	...	4
Burning Right of Way	11	8	15	6	7	21	14	3
Locomotive, Diesel	14	61	33	21	50	27	13	26
Locomotive, Steam . . . . .	...	1	...	...	...	...	...	0
Brake Shoe	56	59	72	34	45	90	117	87
Hot Box . . . . .	...	1	3	...	2	...	2	7
Power Saw	4	5	1	3	1	3	3	1
Mechanical Equipment	16	11	12	7	8	17	18	17
Power Line (Short)	10	10	26	13	19	24	22	18
Sparks from Chimney	2	11	6	1	2	5	3	1
Sparks from Burner	2	5	3	1	3	2	5	2
Structural Fires	29	16	29	14	19	27	18	12
Miscellaneous (Known)	15	20	27	13	8	24	18	18
Unknown	28	47	64	27	44	97	73	86
Lightning	539	198	79	202	403	339	527	173
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

CAUSES OF FOREST FIRES – III

RESPONSIBLE GROUPS	1966	1967	1968	1969	1970	1971	1972	1973
RECREATION								
Fishermen	256	205	120	118	113	284	137	137
Hunters	40	47	17	15	12	35	20	28
Canoeists	4	5	8	10	13	38	10	14
Campers	77	49	30	30	37	87	38	40
Picnickers	21	14	9	10	15	20	6	9
Berry Pickers	107	82	21	23	85	55	18	58
TRAVELLERS								
Car Passengers	125	117	124	79	61	95	102	59
Hikers	52	40	29	27	27	74	26	21
Train Passengers	23	1	2	1	3	3	1	1
Guided Parties . . . . .	...	2	...	...	1	...	...	0
RESIDENTS								
Farmers	29	24	50	14	11	29	24	14
Rural Residents	71	115	129	53	81	65	106	105
Urban Residents	17	24	12	8	4	15	13	11
Private Cottagers	47	39	46	33	23	40	33	24
Resort Owners	9	4	9	...	4	3	2	5
Indians (on Reserves) . . .	9	11	14	7	7	14	13	4
VOCATION								
Trappers . . . . .	...	1	5	4	...	1	...	1
Prospectors	1	3	2	1	...	2	3	3
Timber Cruisers . . . . .	...	...	...	...	...	...	...	0
Survey Parties	2	1	...	1	...	1	...	0
Military	1	...	1	1	...	1	1	0
EMPLOYEE OFF—								
Woods Industry	14	14	18	5	4	18	16	12
Mining	8	1	6	2	1	4	...	8
Pipeline	1	...	...	...	...	17	1	1
Hydro	21	4	6	5	11	10	11	7
Telephone . . . . .	...	...	1	...	...	...	1	0
Highway or Road	3	5	8	4	4	2	3	1
R.R. Section Crew	11	15	16	6	6	15	18	6
R.R. Train Crew	62	131	115	63	103	125	141	135
R.R. Work Crew	10	12	5	5	8	5	6	7
Other Industry	12	15	11	4	7	10	8	5
Natural Resources	3	1	1	2	3	6	4	2
Other Prov Government . .	...	...	...	...	...	...	1	1
Federal Government . . . .	...	...	1	1	...	...	...	1
Municipality	11	7	5	2	1	1	6	3
MISCELLANEOUS								
Children	212	156	164	85	99	202	164	100
Youth Camps	2	8	10	3	1	4	1	1
Miscellaneous (Known) . . .	24	28	49	34	30	72	37	25
Unknown	95	85	96	43	61	98	106	84
Total Man-Caused Fires .	1,382	1,267	1,140	699	836	1,451	1,077	938
Percentage of All Fires . . .	72	87	94	78	67	81	67	84

FIELD SERVICES DIVISION

ENGINEERING SERVICES BRANCH

Room W-5620A, Main Office. Telephone (416) 965-1271.

Branch Director	S.B. Panting	W-5620A . 1271
Fleet and Equipment Management	J.E. Branchaud	W-5625A . 1271
Roads Co-Ordinator	G.E. Holman	W-5620 . . 1271
Project Engineers . . . . .	. . . . .	. . . . . 1271
Construction Depot		
Box 1119, Huntsville	B.G. Paget, Const Mgr	(705) 789-4471

FIELD SERVICES DIVISION

AIR SERVICE BRANCH

Box 310, Sault Ste. Marie, Ont P6A 5L8. Telephone (705) 949-1231.

Branch Director	T.C. Cooke	1231
Maintenance Superintendent	C.E. Whittingdon	1231
Chief Pilot	(vacant)	1231
Accountant	P.F. Yade	1231
Purchasing Officer	H.J. MacMillan	1231
Quality Control Inspector	S.J. Higgins	1231

AIR SERVICE SUMMARY — I — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Surveys	Lands	Parks	Research	Inter- Ministry	Photo	Mercy Flights	Misc	Total
1951	4,210	938	2,029	...	283	...	303	232	...	64	2,998	11,067:10
1952	5,498	903	2,086	...	153	...	360	188	273	168	3,171	12,800:20
1953	5,278	674	1,980	97	149	...	266	150	280	56	2,959	11,888:50
1954	6,302	982	1,972	124	376	...	386	574	186	53	2,609	13,564:10
1955	5,095	1,048	2,362	181	246	...	284	398	244	34	2,497	12,388:30
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05
1973	2,354	1,110	3,542	43	1,005	930	291	1,805	365	42	3,064	14,551:15
1924-73												
Total	203,794	28,945	78,812	706	8,641	7,655	7,418	15,160	3,065	1,500	147,556	503,252:15

AIR SERVICE SUMMARY — II — in years ending March 31

Year	Mercy Flights	Passengers Carried	Flight Crew	Loads Carried	
				Tons	Pounds
1963	16	27,750	4,819	5,657	230
1964	13	33,742	5,545	7,512	132
1965	17	30,235	4,842	5,434	394
1966	15	28,409	4,983	4,998	507
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
1973	28	32,050	22,418	13,568	1,880
1924-73					
Total	393	914,994	294,065	172,213	245

HELICOPTERS (Leased and Contract) — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Misc	Total
1963	1,307	194	180	369	2,050:25
1964	1,604	187	77	232	2,099:35
1965	1,423	32	30	424	1,098:50
1966	937	142	136	193	1,408:50
1967	1,643	102	154	295	2,193:40
1968	1,205	163	261	485	2,114:30
1969	620	343	289	650	1,902:15
1970	920	340	460	602	2,322:40
1971	1,106	333	798	978	3,214:30
1972	1,510	175	472	343	2,500:30
1973	2,221	82	116	613	3,032:10

COMMERCIAL AIRCRAFT (Leased) — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Misc	Total
1967	1,565	22	200	127	1,913:40
1968	3,331	50	430	162	3,973:10
1969	1,251	51	151	129	1,582:15
1970	1,899	126	310	257	2,592:30
1971	3,934	99	571	521	5,124:31

CONSERVATION AUTHORITIES BRANCH

Room W-5501, Main Office.

Telephone (416) 965-6283.

Branch Director	A.D. Latornell	W-5513 . . 6287
Executive Assistant	E,K.E. Dreyer	W-5501 . . 6285
Professional Services	J.W. Murray, Spvr	W-5501 . . 6294
Chief Engineer	T.M. Kurtz	W-5501-1 . 6295
Hydrometeorologist	D.N. McMullen	W-5502 . . 6292
Forestry and Land Use	R.J. Dickie	W-5637 . . 6275
Parks Inspector	H.J. Christian	W-5637 . . 6278
Resources History	M.B. Addinall	W-5502 . . 6284
Land Use Planning	Miss L. Hammett	W-5502 . . 6220
Administration Services	F.G. Jackson, Spvr	W-5512 . . 6285
Senior Financial Officer	D. Powers	W-5414 . . 7694

FINANCE AND ADMINISTRATION DIVISION

Room W-6314, Main Office.

Telephone (416) 965-6147.

Program Analysis Co-Ordinator	W.D. Tieman	W-6310 . . 4218
Systems and Procedures Co-Ordinator . .	G.M. Longley	W-2506 . . 5671
Emergency Planning Officer	C.G. Guy	W-1518 . . 2135

FINANCIAL MANAGEMENT BRANCH

Room W-4324, Main Office.

Telephone (416) 965-2761.

Branch Director	A.C. Goddard	W-4324 . . 2761
Budget Section	M.J. Churchill	W-4322 . . 1895
Financial Methods Section	C.K. Moulson	W-4402 . . 1218
Internal Audit Section	R.A. Groves	W-4332 . . 4087
Finance and Cost Analyst	E.E. Bayer	W-4331 . . 2761
Chief Accountant	W.A. Brown	W-4328 . . 2761
Financial Reporting Section	I.A. Nott	W-4321 . . 5602
Accounts Payable Section	F.J. Morrell	W-4319 . . 2764
Accounts Receivable Section	J.E. Campbell	W-5402 . . 2770
Payroll Section	K.D. Plouffe	W-4401 . . 2766
Fish and Wildlife Licences Section . .	F.J. Bailes	W-4304 . . 2814
Mining Revenue Section	K.H. Stahl	W-1413 . . 1314
Revenue Receiving Section	I.W. Dewell	W-4335 . . 4451
Accounting Claims, Special Assignments	K.S. Willison	W-4331 . . 2761

REVENUE AND EXPENDITURES* — in years ending March 31

Year	CASH RECEIPTS			CASH DISBURSEMENTS		
	Ordinary	Fixed Assets	Total General Revenue	Ordinary	Capital	Total General Expenditure
	\$	\$	\$	\$	\$	\$
1963	21,852,508	721,352	22,573,860	25,579,140	2,934,927	28,514,067
1964	22,584,169	640,057	23,224,226	27,815,029	3,557,125	31,372,154
1965	23,373,311	768,852	24,042,163	28,667,274	1,562,776	30,230,050
1966	25,513,416	822,939	26,336,355	28,528,700	3,893,760	32,422,460
1967	26,288,442	1,129,352	27,417,794	36,307,310	5,905,588	42,212,898
1968	28,755,044	1,225,300	29,980,344	42,807,111	8,006,755	50,813,866
1969	32,291,089	1,488,316	33,779,405	48,375,965	10,343,575	58,719,540
1970	37,550,207	**1,968,479	39,518,686	.....	.....	†61,452,671
1971	38,441,964	1,415,841	39,857,805	.....	.....	71,501,138
1972	31,759,228	464,038	32,223,266	.....	.....	92,486,312
1973	.....	.....	††55,161,863	.....	.....	138,797,387

*Revenue and expenditure for 1973 includes Conservation Authorities Branch, Historical Sites Branch, Department of Lands and Forests, Department of Mines and Northern Affairs, and the St. Lawrence Parks Commission. Prior years' revenue and expenditure cover the Department of Lands and Forests only.

**Prior years designated as Capital Receipts.

†Expenditures designated as Ordinary and Capital in prior years.

††Receipts designated as Ordinary and Fixed Assets in prior years.

TIMBER REVENUE — in years ending March 31

Year	Crown Dues	Ground Rent	Forest Prot Charges	Cash Deposits and Refunds	Misc	Total
	\$	\$	\$	\$	\$	\$
1963	11,418,166	83,903	1,096,639	7,969*	26,661	12,617,400
1964	12,194,962	81,522	989,233	48,800	25,067	13,339,583
1965	12,442,384	88,569	1,153,344	16,177	29,239	13,729,713
1966	13,770,045	83,865	1,083,416	64,461*	20,715	14,893,580
1967	13,273,094	85,950	1,123,840	38,958	44,628	14,566,470
1968	15,006,187	118,105	1,519,165	22,730*	94,084	16,714,811
1969	14,704,603	239,304	3,125,169	20,422	100,289	18,189,787
1970	17,501,304	169,426	2,213,672	18,268*	105,368	19,971,502
1971	18,325,410	218,007	2,309,940	6,565	371,238	21,231,160
1972	12,600,145	135,390	1,795,274	8,646*	**822,026	**15,344,189
1973	13,219,732	146,230	1,900,485	30,467*	909,978	16,145,958

LANDS REVENUE — in years ending March 31

Year	Crown Land Sales	Crown Land †Rentals	Park †Rentals	Misc	Total
	\$	\$	\$	\$	\$
1963	627,054	375,111	35,318	25,391	1,062,874
1964	577,472	466,650	34,402	16,523	1,095,047
1965	512,998	458,235	33,604	19,413	1,024,250
1966	495,852	324,548	32,041	198,039	1,050,480
1967	732,281	346,762	34,265	356,877	1,470,185
1968	778,884	399,445	30,987	309,784	1,519,100
1969	1,113,794	384,822	30,781	422,869	1,952,266
1970	1,279,054	447,174	36,915	626,471	2,389,614
1971	1,088,147	464,483	27,109	680,627	2,260,366
1972	218,412	571,925	23,734	222,786	1,036,857
1973	159,234	384,238	26,525	282,572	852,569

CASH RECEIPTS — in years ending March 31

Year	Provincial Land Tax	Sales of Maps, Publications, etc.	Flying Fees	Fire Costs Recovered	Nursery Tree Sales
	\$	\$	\$	\$	\$
1963	1,672,928	106,760	24,532	59,718	103,849
1964	1,404,036	128,948	36,402	102,406	113,627
1965	1,440,259	142,129	24,355	111,656	127,414
1966	1,528,775	121,514	26,664	72,007	143,283
1967	1,772,838	136,660	31,878	81,667	106,888
1968	1,761,796	136,921	38,715	124,489	129,535
1969	1,754,617	169,603	44,572	84,249	159,354
1970	2,033,837	157,161	67,983	87,512	189,535
1971	1,932,379	175,600	65,321	54,589	180,679
1972	2,013,687	181,952	74,185	112,198	196,725
1973	R	977,647	101,482	180,979	209,552

* Refunds in excess of deposits.

** Includes Reimbursements of Expenditures.

† Leases and Licences of Occupation.

R - Reported by Ministry of Revenue as of April 1, 1973.

MINING REVENUE — in years ending March 31

Year	Licences and Permits	Services*	Mining Claims	Sale of Mining Lands	Rentals	Royalties	Taxes	Forfeitures	Laboratory Fees	Rec. of Prior Years Expenditure	Total
1963	\$ 62,023	\$ 37,657	\$ 204,132	\$ 66,302	\$ 324,495	\$ 323,186	\$ 15,429,768	\$	\$ 118,885	\$	\$ 16,566,448
1964	65,489	40,170	241,768	102,347	318,940	263,273	10,615,494	. . . .	112,168	. . . .	11,759,649
1965	112,942	68,144	628,434	2,209	291,393	348,673	14,579,869	. . . .	123,868	. . . .	16,155,531
1966	94,760	45,472	493,227	3,129	253,330	367,184	15,093,996	. . . .	125,472	. . . .	16,476,570
1967	91,800	45,876	506,872	2,781	275,881	428,329	10,851,512	. . . .	120,826	. . . .	12,323,877
1968	77,682	55,844	580,918	11,929	643,733	412,329	16,334,342	. . . .	130,279	. . . .	18,247,056
1969	88,213	63,326	638,096	1,742	657,513	410,507	19,819,810	. . . .	134,064	. . . .	21,813,272
1970	76,884	65,060	700,055	—	707,070	433,642	24,541,463	1,268	129,856	. . . .	26,655,298
1971	90,007	72,466	604,624	—	646,958	538,408	25,441,642	98,814	133,651	. . . .	27,626,570
1972	119,896	51,714	399,156	908	573,951	792,223	13,965,745	5,285	140,500	15,663	16,065,041
1973	93,663	. . . .	338,982	2,635	743,246	720,645	17,018,059	6,710	85,185	92,801	19,101,926

PROVINCIAL PARKS REVENUE — in years ending March 31

Year	Vehicle Permits	Campsite Permits	Concessions Rental	Historical Sites Lics & Permits	St. Lawrence Lics & Permits	Federal Assistance	Misc	Total
1963	\$ 507,657	\$ 537,997	\$ 71,646	\$	\$	\$ 218,916	\$ 34,347	\$ 1,370,563
1964	554,098	599,440	84,125	. . . .	. . . .	. . . .	17,305	1,254,968
1965	591,748	626,034	95,487	. . . .	. . . .	. . . .	21,945	1,335,214
1966	901,300	863,704	95,082	. . . .	. . . .	. . . .	24,849	1,884,935
1967	1,024,315	935,513	105,670	. . . .	. . . .	. . . .	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	. . . .	. . . .	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	. . . .	. . . .	. . . .	95,986	2,413,613
1970	609,390	1,937,078	131,033	. . . .	. . . .	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	. . . .	. . . .	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	. . . .	. . . .	104,467	43,006	3,538,133
1973	708,726	3,265,999	234,632	. . . .	1,289,360	*155,789	22,250	5,782,937

*Included in Ministry totals from 1973.

*Prior year expenditure.

FISH AND WILDLIFE REVENUE — in years ending March 31

Year	Non-Res Angling	Res. P.P. Angling	Resident Angling	Other Fishing	Commercial Fishing	Royalty Fish	Non-Res Hunting	Resident Bear	Resident Deer	Resident Moose
1963	\$ 2,575,611	\$ 32,960	\$	\$ 18,144	\$ 93,612	\$ 2,705	\$ 1,041,490	\$ 1,536	\$ 478,444	\$ 363,095
1964	2,651,793	33,426	.....	18,976	94,207	2,541	1,125,019	1,782	457,361	393,296
1965	2,656,575	39,227	.....	23,007	97,735	1,783	1,278,264	2,083	493,979	366,693
1966	2,808,858	38,258	.....	23,292	99,982	975	1,478,195	2,917	533,179	422,535
1967	2,932,274	38,859	.....	28,020	108,092	724	1,859,144	4,066	546,667	436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679
1973	4,289,712	.....	44,156	53,132	90,218	.....	2,240,435	5,604	788,314	921,024

Year	Resident Groundhog	Res (Gun) Hunting	Dog	Trappers	Fur Dealers	Royalty Game	Hunter Exam Fee	Pro Park Hunting	Misc	Total
1963	\$ 28,199	\$ 301,142	\$ 22,187	\$ 33,031	\$ 3,488	\$ 222,234	\$	\$	\$ 106,918	\$ 5,324,796
1964	33,351	321,180	24,811	37,009	3,844	290,563	.....	16,998	91,923	5,598,080
1965	32,347	309,060	24,269	34,744	3,586	252,380	.....	20,869	92,477	5,729,078
1966	36,919	328,177	25,732	32,911	3,326	197,077	.....	25,176	95,792	6,153,301
1967	39,443	331,256	25,934	31,641	2,950	223,867	.....	27,764	109,254	6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622	11,649	31,320	***131,521	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626	68,901	31,955	53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364	73,707	29,909	53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154	73,372	33,624	f-313,168	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567	76,253	33,178	147,698	9,496,326
1973	73,186	921,030	21,889	39,727	2,345	.....	81,084	32,189	120,500	9,724,545

* Resident Angling Licence discontinued January 1, 1971.

*** Fines included to March 31, 1968: reported after that date by Department of Justice.

f- Includes federal share of loans to commercial fishermen.

** Refund of prior year's licence fees.

FINANCE AND ADMINISTRATION DIVISION

ADMINISTRATIVE SERVICES BRANCH

Room W-5329, Main Office.

Telephone (416) 965-2711.

Branch Director	J.A. Queen	W-5329 . . 2711
Operations Section	M.A. Gontier, Spvr	W-5326 . . 6166
Purchasing	G.A. Harper	W-5321 . . 1601
Office Management	H.L. Bembridge	W-5334 . . 5134
Central Supply	R.M. Toms	W-5318 . . 5318
Services Section	F.W. Love, Spvr	W-5401 . . 4600
Accommodations, Cap. Improvements	F.W. Love	W-5401 . . 4600
Map Office	Miss M.I. Leuty	W-6404 . . 6511
Mines Publications Office	Miss H. Moses	W-1509 . . 1348
Aerial Photo Library	C. Strowbridge	W-3501 . . 6914
Records Management Section	(vacant)	W-5416 . . 3822

FINANCE AND ADMINISTRATION DIVISION

PERSONNEL BRANCH

Room W-1523, Main Office.

Telephone (416) 965-3825.

Branch Director	H.B. Farrant	W-1523 . . 3825
Manpower Section	A.G. Yuile, Spvr	W-1415 . . 6091
Staffing	C.H. Bennett	W-1503 . . 2707
Staff Development	J. Purves	W-1501 . . 6091
Pay and Classification Section	W.W. Tweed, Spvr	W-1401 . . 6091
	A.J. Bennett	W-1402 . . 6091
	J.A. Temple	W-1402 . . 6091
Employee Relations	A. Jackel	W-1328 . . 3825
Office Management Section	Mrs. C. Mahon, Spvr	W-1332 . . 3961
Classifications	W.C. McBride	W-1330 . . 3961
Records	Mrs. D. Schroeder	W-1332 . . 3961

STAFF SUMMARY

Staff at March 31	1973
Regular Staff	3,732
Probationary Staff	256
Unclassified Staff	1,349
Total Staff	5,337
Main Office Staff	1,788
Field Office Staff	3,549
New Employees	318
Deceased	6
Superannuated	64
Transferred	101
Resigned	143
Dismissed	6
Miscellaneous	13
Total Separations	333
Biologists	92
Economists	9
Engineers	22
Foresters	214
Geologists	48
Legal Officers	5
Mining Engineers	23
Other University Grads	84
Total Graduates	497
Air Engineers	40
Cartographers	31
Communications Techs	22
Construction Supts	10
Draftsmen	60
Geologist Assistants	16
Inspt. Mining Claims	7
Laboratory Techs	34
Mechanics	61
Mines Rescue Trg Off	9
Mining Recorders	11
Park, Land-use Planners	17
Pilots	41
Resource Managers	25
Resource Techs	1,491
Safety Instruction Off.	15
Scalers, licensed	989
Scientists, Res Scnt	46

JUNIOR RANGERS

Year	Number
1963	1,300
1964	1,519
1965	1,551
1966	1,658
1967	1,675
1968	1,706
1969	1,744
1970	1,911
1971	2,034
1972	2,034
1973	2,082

FINANCE AND ADMINISTRATION DIVISION

NORTHERN AFFAIRS BRANCH

26 Broadalbane St., Toronto, Ont M4Y 1C3. Telephone (416) 965-7577.

Branch Director	R.V. Scott	(416) 965-7577
Co-Ordinator	J.S. Grant	7577
	D.W. Masdorp	7578
	N. Thornley	7578

NORTHWESTERN REGION and
NORTH CENTRAL REGION

Thunder Bay 'F' — 140 South May St. . . .	D.A. Myles, spvr	(807) 623-5518
Staff Officer	Miss R. McLennan	5518
Sioux Lookout — Provincial Bldg	S. Willis	(807) 737-1318
Red Lake — 242 Howey St.	B. England	(807) 727-2870
Kenora — Court House	K.D. Pride	(807) 468-5548
Dryden — 7 King St.	J. Stanton	(807) 223-5231
Fort Frances — 333 Church St.	F.B. Whitehead	(807) 274-5329
Atikokan — 123 Marks St.	M.J. Kaliska	(807) 597-2701
Thunder Bay 'F' — 140 South May St. . . .	J. L. Scott	(807) 623-5518
Geraldton — 103 Main St.	A.C. Leeder	(807) 854-0266
Marathon — Gilbert St.	J.B. Young	(807) 229-1153

NORTHERN REGION

Timmins — 60 Wilson Ave.	K.J. Scully, spvr	(705) 267-1401
Staff Officer	G. Garant	1401
Moosonee — Ontario Government Bldg . . .	(vacant)	(705) 336-2991
Kapuskasing — 42 McPherson Ave	C. Lefebvre	(705) 335-6008
Cochrane — 161 Sixth Ave.	G. Rhodes	(705) 272-4274
Timmins — 60 Wilson Ave.	F. Thomson	(705) 267-1401
Kirkland Lake — 32A Prospect Ave.	R.L. Rhude	(705) 567-3291
New Liskeard — 49 Armstrong	R. Sayer	(705) 647-7391

NORTHEASTERN REGION

Sudbury — 15 Frood Road	T.L. Pickard, spvr	(705) 675-1176
Staff Officer	J.M. Kozlich	1176
Wawa — 55 Broadway Ave.	J. Aquino	(705) 856-2354
Sault Ste. Marie — 370 Lake St.	W.A. Glassford	(705) 254-6623
Blind River — 13 Lawton St.	C.J. Rivard	(705) 356-2226
Elliot Lake — 114 Ontario St.	E.D. Blahey	(705) 848-7133
Espanola — 100 Tudhope St.	R.J. Gordon	(705) 869-1532
Sudbury — 15 Frood Road	H.R. Ross	(705) 675-1176
Sturgeon Falls — 191 Main St.	C. Cazabon	(705) 753-2900
North Bay — 267 Main St. West	J.E. Levis	(705) 472-3911

THUNDER BAY— Satellite offices at Beardmore, Caramat, Central Patricia, Ear Falls, Emo, Hudson, Ignace, Longlac, Machin, Manitouwadge, Nakina, Nipigon, Pickle Crow, Rainy River,

Redditt, Red Rock, Savant Lake, Schreiber, Shebandowan, Terrace Bay, Upsala, and White River.

TIMMINS— Satellite offices at Attawapiskat, Cobalt, Earlton, Elk Lake, Englehart, Fauquier, Foleyet, Haileybury, Hearts, Hornepayne, Iroquois Falls, Larder Lake, Matachewan, Matheson, Ramore, Smooth Rock Falls, and Temagami.

SUDBURY— Satellite offices at Chapleau, Gore Bay, Little Current, Massey, Mattawa, Neolville, Powassan, Richards Landing, and St. Charles.

TORONTO— Satellite office at Parry Sound.

OFFICE TRANSACTIONS

Regions Offices	1971	1972
NORTHWESTERN and NORTH CENTRAL		
Thunder Bay	2,520	3,439
Atikokan	1,263	1,764
Dryden	2,920	3,334
Fort Frances	2,795	3,879
Geraldton	1,143	2,112
Kenora	3,536	3,707
Marathon	1,332	2,670
Red Lake	1,583	1,887
Sioux Lookout	1,807	2,851
Total, Region	18,899	25,643
NORTHERN		
Timmins	3,071	3,752
Cochrane	3,373	4,534
Kapuskasing	3,318	3,975
Kirkland Lake	2,099	3,729
Moosonee	656	1,172
New Liskeard	1,953	2,994
Total, Region	14,470	20,156
NORTHEASTERN		
Sudbury	3,525	3,907
Blind River	1,834	3,820
Elliot Lake	1,592	3,376
Espanola	4,107	6,193
Little Current	1,006	514*
North Bay	3,537	4,105
Sault Ste Marie	2,193	2,846
Sturgeon Falls	1,468	2,881
Val Caron	539	36*
Wawa	1,338	2,847
Total, Region	21,139	30,525
Toronto	3,984	4,634
Total, Ontario	58,492	80,958

*Offices closed April 1, 1972.

FINANCE AND ADMINISTRATION DIVISION

INFORMATION BRANCH

Room W-5305, Main Office. Telephone (416) 965-2756.

Branch Director . . . . .	.....	W-5314A . 3315
Information Section	G.E. Mulholland, Spvr . .	W-5314B . 2756
Mines Information	L.C. Brown	W-4403 . . 1345
Photo Service	J. Kay	W-B315 . . 1177
Safety Programme Development Section . .	.....	W-5405 . . 2735

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS at Dec 31	STUDENTS GRADUATED		HUNTING ACCIDENTS**		Total
		Yearly	To Date	Non-Fatal	Fatal	
1962	3,527	15,082	45,995	109	17	126
1963	3,050	20,387	66,382	103	15	118
1964	3,200	18,652	85,034	103	14	117
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968*	904	9,645	147,947	86	10	96
1969	1,142	12,957	160,904	116	13	129
1970	1,137	13,075	173,979	70	8	78
1971	1,162	15,601	189,580	68	14	82
1972	1,373	18,235	207,815	70	5	75

* Instruction mandatory for new hunters in 1960, and for new hunters under the age of twenty years in 1968.

** Further details of accidents in Ontario Hunting Casualty Report.

FINANCE AND ADMINISTRATION DIVISION

LEGAL SERVICES BRANCH

Room W-6410, Main Office. Telephone (416) 965-2748.

Director	M.S. Smith	W-6410 . . 2748
Solicitors	W.E.D. Peters	W-6402 . . 2748
	W.J. Obelyncki	W-6402 . . 2748
	L.A. Low	W-6409 . . 2749
	D.G. Searle	W-6411 . . 2749
	B.G. Jones	W-6605 . . 2749

LEGISLATION

The Acts administered by the Ministry are grouped below by Divisions.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus the Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT provides for the establishment of a Geographic Names Board for Ontario having the duty to gather information respecting the names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names, and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-3, confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham, Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste. Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale,

lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the systems of surveys and the rules for surveyors. The Minister orders surveys made on his own volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-3 establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' land.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exportation (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides that, with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers. Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of flora and fauna of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources; game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: — open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations. The Game and Fish Hearing Board was established under the Act on November 15, 1973.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act. They relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOAN ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF DAMAGE TO LIVESTOCK COMPENSATION ACT, 1972, provides for payment of compensation to the owners of livestock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management and for certain employees having the authority of the O.P.P. in a provincial park. Advisory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environmental park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for building and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.00 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT was passed on March 26, 1959, to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act.

THE HISTORICAL PARKS ACT, 1972, provides for the establishment of historical parks on public lands on which there is an object or site of historical interest.

DIVISION OF MINES

THE MINING ACT provides for: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for and the production of minerals and oil and natural gas; the staking and recording of mining claims; the rights of licensees and lessees under the Act; and the regulation of mining operations conducted within Ontario. An acreage tax is levied under this Act.

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licensees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE PITS AND QUARRIES CONTROL ACT, 1971, provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971, sets forth licensing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972, imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

THE CANADA COMPANY'S LAND ACT, 1922, empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire districts set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire district) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, and industrial operation, clearing, etc., in or within 1000 feet of a forest or woodland. Areas may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent

thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT provides for the control of outbreaks of forest tree insects and diseases on private lands.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with: the construction, repair and use of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

THE PARKS ASSISTANCE ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972, established as of April 1, 1972, the new Ministry of Natural Resources which included the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of Acts on which the departments previously depended for administrative authority. Effective November 1, 1973, the Act provides for the appointment of a Mining and Lands Commissioner.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966, established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain. The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. one Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the overflow of:—

(a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;

(b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.

(c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and

(d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943, ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952, confirms the partial diversion of the Seine River and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-3, provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-2, vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-1, adds the public lands in the Geographic Townships of Bruton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

POLICY RESEARCH BRANCH

Maple, Ontario L0J 1E0. Telephone (416) 832-2261.

Branch Director	Dr. W.R. Henson	Extension 327
Statistical Analysis	Dr. F.L. Raymond	Extension 319
Ecological Analysis	R.O. Standfield	Extension 314
		Main Office, 965-6371
Resource Economics		
Policy Field Liaison	M.L. Simpson	W-3601A . 6371
Recreational Analysis	D.W. Simkin	W-4525 . . 6712
Environmental Quality Co-Ordination . . .	Q.F. Hess	W-5605B . 2781
Library Systems		
Natural Resources Library	Mrs. S. Louet	W-4508 . . 6310
Mines Reference Library	Mrs. N. Kavanagh	W-1603 . . 1352
Research Library	Mrs. P. Marks	Maple Extension 244

MINISTRY OF NATURAL RESOURCES*

Hon. Leo Bernier	Minister of Natural Resources.
Walter Q. Macnee	Deputy Minister.
L. Ringham	Assistant Deputy Minister, Northern Ontario. Northwestern Region North Central Region (Main Northern Office) Northern Region Northeastern Region.
W.T. Foster	Assistant Deputy Minister, Southern Ontario. Algonquin Region Eastern Region Central Region Southwestern Region.
A.J. Herridge	Assistant Deputy Minister, Resources and Recreation. Division of Forests Division of Mines Division of Fish and Wildlife Division of Parks.
J.W. Giles	Assistant Deputy Minister, Lands and Waters. Division of Lands Field Services Division Conservation Authorities Branch.
J.W. Lockwood	Executive Director, Division of Forests.
G.A. Jewett	Executive Director, Division of Mines.
K.K. Irizawa	Executive Director, Division of Fish and Wildlife.
J.W. Keenan	Executive Director, Division of Parks.
L.H. Eckel	Executive Director, Division of Lands.
W.G. Cleaveley	Executive Director, Field Services Division.
R.R. MacBean	Executive Director, Finance and Administration Division. (Reporting to Deputy Minister)
Dr. W.R. Henson	Director, Policy Research Branch. (Reporting to Deputy Minister)

MINISTERIAL AGENCIES

G.H. Ferguson, Q.C.	Mining and Lands Commissioner.
D.R. Wilson	General Manager, Niagara Parks Commission.
J.R. Sloan	General Manager, St. Lawrence Parks Commission.
R.V. Brittain	General Manager, St. Clair Parkway Commission.

*Main Office in Parliament Buildings, Toronto, Ontario.

NORTHWESTERN REGION

J.R. Oatway	Regional Director	Box 1160, 808 Robertson St. Kenora,
F.L. Hall	Deputy Reg Director	Ont P9N 3X7 Phone (807) 468-9841
R.A. Riley	Deputy Reg Director	
G.N. McGeachy . . .	Admin Officer	G. Brown Forester
K.J. Chambers . . .	Biologist	M.S. Millar Lands Co-ord
R.V. Brady	Fire Mgt Officer	R. Murray Mines Engineer
R.C. Beard	Geologist	R. Balkwill Parks & Rec Co-ord
A.P. Pryslak	Geologist, Red Lake	J.A. Murphy Eng Services Co-ord

Dryden Fire Centre, S. Russell	Phone (807) 937-4489
Dryden Forest Station, T.R. Myland	Phone (807) 938-6326

KENORA DISTRICT

Box 1080, 808 Robertson St, Kenora
 Ont P9N 3X7. Phone (807) 468-9841

E.G. Gillespie . . .	District Manager
L. Keller	Admin Officer
R. Paterick	Field Services
D. Brooks	Fish & Wildlife
W. Mills	Forests
K. Dalgetty	Lands
D. McGregor	Parks

FORT FRANCES DISTRICT

922 Scott Street, Fore Frances
 Ont P9A 1J4 Phone (807) 274-5337

D.J. D'Agostini . . .	District Manager
B.Y. Katerick	Admin Officer
G.M. Fenelon	Field Services
E.J. Swift	Fish & Wildlife
R.W. Udell	Forests
E. Fraelich	Lands
E.J. Swift	Parks

SIOUX LOOKOUT DISTRICT

Box 309, Sioux Lookout,
 Ont P0V 2T0. Phone (807) 737-1140

C.E. Perrie	District Manager
W.L. Bertrand	Admin Officer
H.D. Morrison	Field Services
M. Buss	Fish & Wildlife
E.D. Berry	Forests
F.E. Brown	Lands & Parks

DRYDEN DISTRICT

Box 640, Dryden,
 Ont P8N 2Z3. Phone (807) 233-2341

P. Endress	District Manager
J. Hamilton	Admin Officer
S. Sprager	Field Services
J. Williamson	Fish & Wildlife
A. VanFraassen . . .	Forests
D. Lindstrom	Lands & Parks

RED LAKE DISTRICT

Box 323, Highway 105, Red Lake,
 Ont P0V 2M0 Phone (807) 727-2531

E. Everley	District Manager
G.C. Carlson	Admin Officer
T. Millard	Fish & Wildlife
J.S. Miller	Forests
M. Elliot	Field Services, Lands & Parks

IGNACE DISTRICT

Highway No. 17, Ignace,
 Ont P0T 1T0. Phone (807) 934-2233

T.E. Dodds	District Manager
W.A. Brunton	Admin Officer
B. Saunders	Fish & Wildlife
.	Forests
J.D. Bond	Field Services, Lands & Parks

NORTH CENTRAL REGION

R.A. Baxter	Regional Director	235 Bay Street, Thunder Bay "P", Ont P7B 1R4.	Phone (807) 344-0711
L. Affleck	Deputy Reg Director		
W. Hendry	Deputy Reg Director		
J.D. Chadwick . . .	Admin Officer		
C.A. Elsey	Biologist	K.G. Fenwick.	Geologist
.	Engineer	R.M. Monzon	Lands Co-ord
H. Redding	Fire Mgt Officer	. . . . .	Mines Engineer
J.F. Flowers	Forester	D.A. Fawcett	Parks & Rec Co-ord

Thunder Bay Forest Station, A. Wynia	Phone (807) 939-2465
Dorion Trout Rearing Station, J.F. Atkinson	Phone (807) 857-2322

THUNDER BAY DISTRICT

14 North Algoma St, Thunder Bay "P",
Ont P7B 5G5. Phone (807) 345-6543

J.E. Hamilton	District Manager
N. Nurse	Admin Officer
A. Johnston	Field Services
R.T. Thomson	Fish & Wildlife
.	Forests
E. Diamond	Parks

ATIKOKAN

Atikokan,
Ont P0T 1C0. Phone (807) 597-2781

M.P. Barker	District Manager
C.T. Kennedy	Admin Officer
F. Dustak	Field Services
B.H. Gibson	Fish and Wildlife
A.G. Dougall	Forests
D.H. Elder	Lands & Parks

WHITE RIVER DISTRICT

200 Winnipeg Street, White River,
Ont P0M 3G0 Phone (807) 822-2250

D. O'Grady	District Manager
D. Futhey	Admin Officer
K. Fuller	Field Services
R. Jerrard	Fish & Wildlife
.	Forests
K. Green	Lands & Parks

GERALDTON DISTRICT

Box 640, Geraldton,
Ont P0T 1Mo. Phone (807) 854-1030

J.K. Cleaveley	District Manager
L.S. Morrow	Admin Officer
W.E. Belisle	Field Services
E.H. Stone	Fish & Wildlife
R. Klein	Forests
.	Lands & Parks

NIPIGON DISTRICT

Box 729, Nipigon
Ont P0T 2J0 Phone (807) 887-2120

G.O. Koistinen	District Manager
C. Lewis	Admin Officer
W.R. Doyon	Field Services
L. Townes	Fish & Wildlife
G. Marek	Forests
C.R. Williams	Lands & Parks

TERRACE BAY DISTRICT

Terrace Bay,
Ont P0T 2W0. Phone (807) 825-3205

L.J. Haas	District Manager
J. Hara	Admin Officer
B.J. Lapenskie	Field Services
J.A. Chappel	Fish & Wildlife
R.D. Fry	Forests

NORTHERN REGION

G.A. McCormack	Regional Director	Box 2050, 140 Fourth Ave., Cochrane,
E. Markus	Deputy Reg Director	Ont P0L 1C0 Phone (705) 272-4287
L.H. Lingenfelter	Admin Officer	W.H. Forman Deputy Reg Director
M.F. McKenzie	Biologist	60 Wilson Avenue, Timmins,
W.J. Brown	Forester	Ont P4N 3W2 Phone (705) 267-1401

Highway No. 66, Swastika,
 Ont P0K 1T0 Phone (705) 642-3222
 H.I. Mattson Parks & Rec Co-ord
 H.L. Lovell Geol, Kirkland Lake

R. Elliott Fire Mgt Officer
 E.G. Bright Geologist
 E.W. Multamaki Lands Co-ord
 R.F. Lockhart Mines Engineer
 R. Barty Eng Services Co-ord

Englehart River Forest Station, L. Forcier Phone (705) 544-2331
 Hill Lake Trout Rearing Station, P. Graf Phone (705) 544-2834

COCHRANE DISTRICT

Box 730, 2 Third Ave, Cochrane,
 Ont P0L 1C0 Phone (705) 272-4365
 G.A. Wright District Manager
 G. Nantel Admin Officer
 A.C. Hutchinson Field Services
 W. Therriault Fish & Wild & Parks
 J. Starr Forests
 F. Wright Lands

KAPUSKASING DISTRICT

6 Government Road, Kapuskasing,
 Ont P5N 2W4 Phone (705) 335-6191
 R.G. Lightheart District Manager
 R.W. Stone Admin Officer
 B.J. Labonte Field Services
 M.R. Cusson Fish & Wildlife
 J.T. Rudolph Forests
 A.J. McGoey Lands & Parks

CHAPLEAU DISTRICT

34 Birch Street, Chapleau,
 Ont P0M 1K0 Phone (705) 864-1710
 J.M. Small District Manager
 O.E. Crawford Admin Officer
 J.R. Russell Field Services
 G.L. Penny Fish & Wildlife
 R. Brandes Forests
 W. MacPhail Lands
 G.W. Dingee Parks

KIRKLAND LAKE DISTRICT

Swastika,
 Ont P0K 1T0 Phone (705) 642-3222
 J.G. Minor District Manager
 W. Johnstone Admin Officer
 W. Taylor Field Services
 J. Gardner Fish & Wildlife
 B. Thompson Forests
 J. McDougall Lands
 W. Hill Parks

GOGAMA DISTRICT

Gogama,
 Ont P0M 1W0 Phone (705) 94 or 95
 C. Dionne District Manager
 V. Mathieu Admin Officer
 R. Carriere Field Services
 Fish & Wildlife
 K. Cleary Forests
 D. Stewart Lands & Parks

TIMMINS DISTRICT

896 Riverside Drive, Timmins,
 Ont P4N 3W2 Phone (705) 264-1262
 A.F. Papineau District Manager
 R. Brousseau Admin Officer
 D. Shewen Field Services
 Fish & Wildlife
 D. Jefferson Forests
 C. Biggar Lands & Parks

HEARST DISTRICT

Box 670, Hearst,
 Ont P0L 1N0 Phone (705) 362-4346
 C. Emblin District Manager
 W.C. Trowsse Admin Officer
 L.G. Woods Field Services
 S. St. Jules Fish & Wildlife
 T. Isherwood Forests
 M. Girouard Lands & Parks

MOOSONEE DISTRICT

Moosonee,
 Ont P0L 1Y0 Phone (705) 336-2991
 J.R. Bailey District Manager
 W.J. Humphrys Admin Officer
 Phone (705) 336-2987
 B. Norris Lands-Parks-Fld. Serv
 R. Landry Res Dev Co-ord

NORTHEASTERN REGION

J.M. Hughes	Regional Director	Box 1900, Sault Ste. Marie, Ont. P6A 5N9	Phone (705) 949-1780
D.J. Vance	Deputy Reg Director		
J.C. Kindness	Admin Officer		
W. Straight	Biologist	R. Christie	Deputy Red Director
A.W. McClellan	Cons Auth Prg-Supr	174 Douglas St West, Sudbury, Ont P3E 1G1	Phone (705) 674-8365
H. Kresin	Engineer	J.L. Canfield	Fire Mgt Officer
Dr. P. Giblin	Reg Geologist	W.C. Stevens	Forester
P.R. Wyatt	Lands Co-ord	E.W. Isaac	Mines Engineer
T.J. Linklater	Park Mgt Supervisor	J.J. Lazurko	Elec-Mech Engineer
C. Clark	Recreation Planner		

Tarentorus Trout Rearing Station, D.V. Storms	Phone (705) 253-8953
North Bay Trout Rearing Station, N.B. Hollingsworth	Phone (705) 663-2282
Standfield Fish Hatchery, G. Clarke	Phone (705) 22-R-211

SAULT STE MARIE DISTRICT

Box 130, Aerodrome Bldg, S.S. Marie,
Ont P6A 5L5 Phone (705) 949-1231

J.H. Sellers	District Manager
H.J. Smith	Admin Officer
C.E. Tregonning	Field Services
E.F. Mantle	Fish & Wildlife
F. Janser	Forests
I.J. Valentine	Lands
L. Davey	Parks

NORTH BAY DISTRICT

Box 3070, North Bay,
Ont P1B 8K7 Phone (705) 474-5550

E. Rogers	District Manager
W.H. Andrews	Admin Officer
H.N. Whalen	Field Services
M.R. Wolfe	Fish & Wildlife
D.E. Honeyborne	Forests
W.G. Turnbull	Lands
H.J. Edmundson	Parks

WAWA DISTRICT

Box 1160, Wawa,
Ont P0S 1K0 Phone (705) 856-2396

R. Alton	District Manager
A. Scully	Admin Officer
A.J. Bull	Field Serv & Parks
H. Orr	Fish & Wildlife
C.K. Sumi	Forests
V. Uhler	Lands

TEMAGAMI DISTRICT

Box 38, Temagami,
Ont P0H 2H0 Phone (705) 569-3622

J.E. Rumney	District Manager
W.W. Hicks	Admin Officer

SUDBURY DISTRICT

174 Douglas St West, Sudbury,
Ont P3E 1G1 Phone (705) 673-1111

D.E. McHale	District Manager
M.H. Jackson	Admin Officer
W. Wetow	Field Services
J.M. Sheppard	Fish & Wildlife
D. Potvin	Forests
M. Groening	Lands
K.H. Moore	Parks

BLIND RIVER DISTRICT

Box 190, 62 Queen St, Blind River,
Ont P0R 1B0 Phone (705) 356-2234

D. Hagar	District Manager
F. McWhinnie	Admin Officer
W.J. Davis	Field Services
S. Woodside	Fish & Wildlife
C.F. Husk	Forests
R. Wood	Lands
G.W. Connell	Parks

ESPANOLA DISTRICT

Box 1340, Espanola,
Ont P0P 1C0 Phone (705) 869-1330

E.N. Arbuckle	District Manager
B. Phillips	Admin Officer
P. King	Field Serv & Parks
D. Hughson	Fish & Wildlife
J. Christian	Forests
J. Stocking	Lands

H.G. Smith	Field Services
T.W. Dolhy	Forests
R.V. Coulombe	Lands & Parks
J. Young	Fish & Wildlife

ALGONQUIN REGION

J.S. Ball Regional Director
W.K. Fullerton . . Deputy Reg Director
A.E. Walroth . . . Deputy Reg Director
J. Carswell Admin Officer
C.W. Douglas . . . Biologist
. Engineer
B.J. Dunne Fire Mgt Officer

Box 9000, Manominee St. Huntsville,
Ont POA 1K0 . . . Phone (705) 789-4476

H.J. Henry Forester
. Geologist
J.K. Barker Lands Co-ord
W.C. Calvert Parks & Rec Co-ord

The Leslie M. Frost Natural Resources Centre, G.A. Hamilton Phone (705) 766-2242
Forest Research Station (Dorset), M.M. McLean Phone (705) 766-2242
Pembroke Trout Rearing Station, W.T. Marston Phone (613) 687-5935
Skeleton Lake Fish Hatchery, M.E. Beathune Phone (705) 769-3731

PARRY SOUND DISTRICT

4 Miller Street, Parry Sound,
Ont P2A 1S8 . . Phone (705) 746-2141
W.R. Peck District Manager
G.F. Walter Admin Officer
D. Burns Field Services
J.A. Macfie Fish & Wildlife
G.C. Felton Forests
J.A. Shalla Parks
T.H. Croswell . . . Lands

BANCROFT DISTRICT

Box 500, Bancroft,
Ont K0L 1C0 . . Phone (613) 332-3940
O. Goodman District Manager
H.E. Vance Admin Officer
B. Little Field Services
. Fish & Wildlife
F. Walker Forests
D.W. McLennan . . Parks
O. Fleming Lands

ALGONQUIN PARK DISTRICT

Whitney,
Ont K0J 2M0 . . Phone (705) 637-2780
J. Lever District Manager
J.E. Growse Admin Officer
. Fish & Wildlife
D.F. George Forests
H.W. Hanes Lands & Field Serv
T. Leveque Parks

PEMBROKE DISTRICT

Box 220, Riverside Drive, Pembroke,
Ont K8A 6X4 . . Phone (613) 732-3661
L. Bronson District Manager
A.H. Plummer . . . Admin Officer
R. Cousineau . . . Field Services
A. Armstrong . . . Fish & Wildlife
J. Simpson Forests
E. McKenzie Lands & Parks

BRACEBRIDGE DISTRICT

Box 1138, Bracebridge,
Ont P0B 1C0 . . Phone (705) 645-5244
R.W. Tippet District Manager
J.A. Bajrd Admin Officer
J.T. Matthews . . . Field Services
G. Winterton . . . Fish & Wildlife
R. Taylor Forests
J.S. Booker Lands
R.W. Gemmill . . . Parks

MINDEN DISTRICT

Minden,
Ont K0M 2K0 . . Phone (705) 286-1521
D.D. White District Manager
R. Raby Admin Officer
G.M. Samells . . . Field Services
S. Toole Fish & Wildlife
B.G. Cross Forests
N.E. Johnson . . . Lands & Parks

EASTERN REGION

T.W. Hueston	Regional Director	Provincial Government Building, South Boundary Road, Kemptville, Ont K0G 1J0	Phone (613) 258-3413
D.E. Gage	Deputy Reg Director		
S.R. Hamilton	Deputy Reg Director		
A.R. Taylor	Fin & Admin Officer		
G.R. Whitney	Biologist	W.G. Maslen	Lands Co-ord
D.J. Murray	Cons Auth Prg-Supr	G.E. Thomas	Mines Engineer
.	Engineer	J.G. Bell	Parks & Rec Co-ord
P.E. Anslow	Forester	J.W. Lloyd	Services Co-ord

Codrington Trout RS and Pheasant Farm, A. Draves	Phone (613) 475-2512
White Lake Fish Hatchery, K. Steele	Phone (613) 335-2115
Westport Fish Hatchery, J.D. McNee	Phone (613) 273-2106
G. Howard Ferguson Forest Station, H.H. deVries	Phone (613) 258-3413
Glenora Fisheries Station, W.J. Christie	Phone (613) 476-2400

TWEED DISTRICT

Metcalfe Street, Tweed,
Ont K0K 3J0 Phone (613) 478-2330

W.H. Cantelon . . .	District Manager
J.A. Vance	Admin Officer
W.F. Caverley . . .	Field Serv & Lands
D.G. Atkinson . . .	Fish & Wildlife
W.M. Fasken	Forests
J.R. Uens	Parks

LANARK DISTRICT

Box 239, Lanark,
Ont K0G 1K0 Phone (613) 259-2108

W. Vonk	District Manager
G.N. Hill	Admin Officer
W.R. Lannin	Fish & Wildlife
E.L. Borczon	Forests
D.J. Kennedy	Field Services & Lands & Parks

OTTAWA DISTRICT

Box 434, R.R. 6, Ottawa,
Ont K1G 3N4 Phone (613) 822-2525

W.D. Adlam	District Manager
W.L. Vail	Admin Officer
G.M. Tupling	Fish & Wildlife
M. Schaefer	Forests
G.A. Gowdy	Field Services & Lands & Parks

NAPANEE DISTRICT

Napaneer,
Ont K0K 2R0 Phone (613) 354-3389

R.G. Bailey	District Manager
R.A. Armstrong . .	Admin Officer
.	Field Services
H.K. Von Rosen . .	Fish & Wildlife
W.A. Perrin	Forests & Lands
J.C. Matheson . . .	Parks

BROCKVILLE DISTRICT

101 Water Street, Brockville,
Ontario Phone (613) 342-8524

R.H. Trotter	District Manager
G.D. Gilmer	Admin Officer
G.E. Raine	Fish & Wildlife
A.J. Campbell . . .	Forests
R.A. Lessard	Field Services & Lands & Parks

CORNWALL DISTRICT

Box 1749, 40 Fifth St West, Cornwall,
Ont K6H 5V7 Phone (613) 933-1774

J.R. Morin	District Manager
M.J. Labelle	Admin Officer
R.G. Baldwin . . .	Fish & Wildlife
B.W. Warwick . . .	Forests
R.J. Cleroux	Field Services & Lands & Parks

CENTRAL REGION

A.H. Peacock	Regional Director	10,670 Yonge Street, Richmond Hill,
E.G. Wilson	Deputy Reg Director	Ont L4C 3C9 Phone (416) 884-9203
G.P. Elliott	Deputy Reg Director	
H. Tjoelker	Admin Officer	
J.B. Dawson	Biologist	U.J. Vagners Geologist
J.S. Anderson . . .	Cons Auth Prg-Supr	R.H. Galway Mines Engineer
J.H. Christmann . .	Engineer	R.J. Vrancart Lands Co-ord
R.N. Staley	Forester	H.J. Featherston . . Parks & Rec Co-ord

Deer Lake Fish Hatchery, J.M. Hunt	Phone (705) 778-3391
Midhurst Forest Station, C.R. Groves	Phone (705) 728-6599
Orono Forest Station, W.R. Bunting	Phone (416) 983-9147

MAPLE DISTRICT

Maple,
Ont L0J 1E0 . . Phone (416) 832-2261

F.E. Sider	District Manager
W.B. Pottelberg . .	Admin Officer
I.B. Earl	Field Services
W.A. Creighton . .	Fish & Wildlife
I.B. Earl	Forests
M. Mitchell	Lands
H. Pronk	Parks

LINDSAY DISTRICT

322 Kent St West, Lindsay,
Ont K9V 2Z9. . Phone (705) 324-6121

C.R. Gray	District Manager
H.C. Wallwin	Admin Officer
W.E. Prange	Field Services
P.W. Swanson . . .	Fish & Wildlife
R.A. Lockhart . . .	Forests
J.E. Dewey	Lands
W.P. Barber	Parks

HURONIA DISTRICT

Midhurst,
Ont L0L 1X0. . Phone (705) 728-2900

D.W. Schafer	District Manager
W.B. Bowles	Admin Officer
L.W. O'Dell	Field Services
A.J. Stewart	Fish & Wildlife
M.R. Innes	Forests
D.R. MacArthur . .	Lands
J. Van der Meer . .	Parks

CAMBRIDGE DISTRICT

Beaverdale Road, Cambridge,
Ont N3C 2V3 . . Phone (519) 658-9356

W.R. Catton	District Manager
P. Linklater	Admin Officer
J.E. Collard	Field Serv & Lands
H.D. Howell	Fish & Wildlife
R.C.A. Gilbert . . .	Forests
B.M. Duffin	Parks

NIAGARA DISTRICT

Box 1070, Highway No. 20, Fonthill,
Ont L0S 1E0. . Phone (416) 892-2656

J.E. Dickenson . . .	District Manager
J. Mace	Admin Officer
W. Hardy	Field Services
	& Forests & Lands
D. Townsend	Fish & Wildlife
	& Parks

SOUTHWESTERN REGION

W.H. Charlton	Regional Director	1106 Dearness Drive, London,
J.M. Halpenny	Deputy Reg Director	Ont N6E 1N9. Phone (519) 681-5350
A. Holder	Deputy Reg Director	
V.H. Crocker	Admin Officer	
J.F. Gage	Biologist	R. Beards Geologist
J.R. Powell	Cons Auth Prg-Supr	S. Alton Mines Engineer
.	Engineer	J.A. Fingland Lands Co-ord
E.P. Johnston	Forester	A. Harjula Parks & Rec Co-ord

Chatsworth Trout Rearing Station, P.H. Hartman	Phone (519) 794-2340
Warton Sub-station, B. Marchant	Phone (519) 534-0770
Normandale Trout Rearing Station, W.A. Hooper	Phone (519) 426-3142
St. Williams Forest Station, R.E. Laupert	Phone (519) 586-3863

CHATHAM DISTRICT

Box 1168, Chatham,
Ont N7M 5K1 . Phone (519) 354-7340

D.R. Fortner	District Manager
H. Lehmann	Admin Officer
G.T. Greenwood . .	Fish & Wildlife
M. Van der Eyk . .	Forests
H.W. Rowe	Lands
R.E. Chornopski . .	Parks

SIMCOE DISTRICT

5 Queensway West, Simcoe,
Ont N3Y 2M7 . Phone (519) 426-7650

R.B. McGee	District Manager
G.N. Sanderson . .	Admin Officer
H.J. Manson	Biologist
R.T. Ellah	Senior F & W Tech
D. Scott	Forests & Lands
P.A. Strausburger .	Parks

OWEN SOUND DISTRICT

611 Ninth Ave East, Owen Sound,
Ont N4K 3E4 . Phone (519) 376-3860

J.W. Lovering	District Manager
M. Gobiell	Admin Officer
S.A. Munroe	Biologist
F.H. Marshall	Senior F & W Tech
V.W. Fisk	Forests
R.J. Manley	Lands
P. Baxter	Parks

WINGHAM DISTRICT

Box 490, Highway 4 South, Wingham,
Ont N0G 2W0 . Phone (519) 357-3131

D. Mansell	District Manager
B.G. Griffin	Admin Officer
R.H. Jones	Biologist
H.W. Clark	Senior F & W Tech & Parks
H.R. Lancaster . . .	Forests & Lands

AYLMER DISTRICT

Box 940, 353 Talbot St. West, Aylmer,
Ont N5H 1S8 . Phone (519) 773-9241

W.B.M. Clarke	District Manager
G. Fewings	Admin Officer
M.F. Thomson	Forests & Lands
R.E. Loblaw	Fish & Wildlife & Parks

AREAS OF REGIONS AND DISTRICTS in Square Miles*

NORTHWESTERN REGION

Dryden	4,618	
Fort Frances	4,188	
Ignace	4,426	
Kenora	5,478	
Red Lake	24,751	
Sioux Lookout	43,281	86,742
Pt. Rainy Lake	472	
Pt. Lake of the Woods	937	1,409
Total, Region		<u>88,151</u>

NORTHERN REGION

Chapleau	9,113	
Cochrane	11,859	
Gogama	2,993	
Hearst	9,747	
Kapuskasing	8,195	
Kirkland Lake	5,140	
Moosonee	83,298	
Timmins	3,050	133,395
Pt. Lake Abitibi	305	305
Total, Region		<u>133,700</u>

ALGONQUIN REGION

Algonquin Park	3,620	
Parry Sound	2,775	
Bancroft	1,683	
Bracebridge	2,492	
Minden	1,832	
Pembroke	2,821	15,223
Pt. Georgian Bay	1,496	1,496
Total, Region		<u>16,719</u>

SOUTHWESTERN REGION

Aylmer	2,599	
Chatham	2,853	
Owen Sound	3,018	
Simcoe	1,088	
Wingham	2,660	12,218
Pt. Lake Huron and Lake Erie	11,950	
Pt. Lake St. Clair	260	12,210
Total, Region		<u>24,428</u>

NORTH CENTRAL REGION

Atikokan	4,361	
Geraldton	43,546	
Nipigon	9,874	
Terrace Bay	4,893	
Thunder Bay	10,995	
White River	2,877	76,546
Lake Nipigon	1,933	
Pt. Lake Superior	7,363	9,296
Total, Region		<u>85,842</u>

NORTHEASTERN REGION

Blind River	3,674	
Espanola	3,677	
North Bay	4,119	
Sault Ste Marie	3,055	
Sudbury	4,913	
Temagami	2,647	
Wawa	5,824	27,909
Pt. Lake Huron and Lake Superior	8,589	
Lake Nipissing	315	
Lake Wahnapiatae	56	8,960
Total, Region		<u>36,869</u>

EASTERN REGION

Brockville	1,350	
Cornwall	2,160	
Lanark	1,274	
Napanee	2,524	
Ottawa	1,149	
Tweed	2,504	10,961
Pt. Lake Ontario	1,673	1,673
Total, Region		<u>12,634</u>

CENTRAL REGION

Cambridge	2,757	
Huronia	2,529	
Lindsay	2,647	
Maple	1,858	
Niagara	1,031	10,822
Pt. Lake Ontario and Lake Erie	3,131	
Lake Simcoe	286	3,417
Total, Region		<u>14,239</u>

TOTALS

49 Districts	373,816
12 Lakes	38,766
Area of Ontario	<u>412,582</u>

*December 12, 1973,
Surveys and Mapping Branch

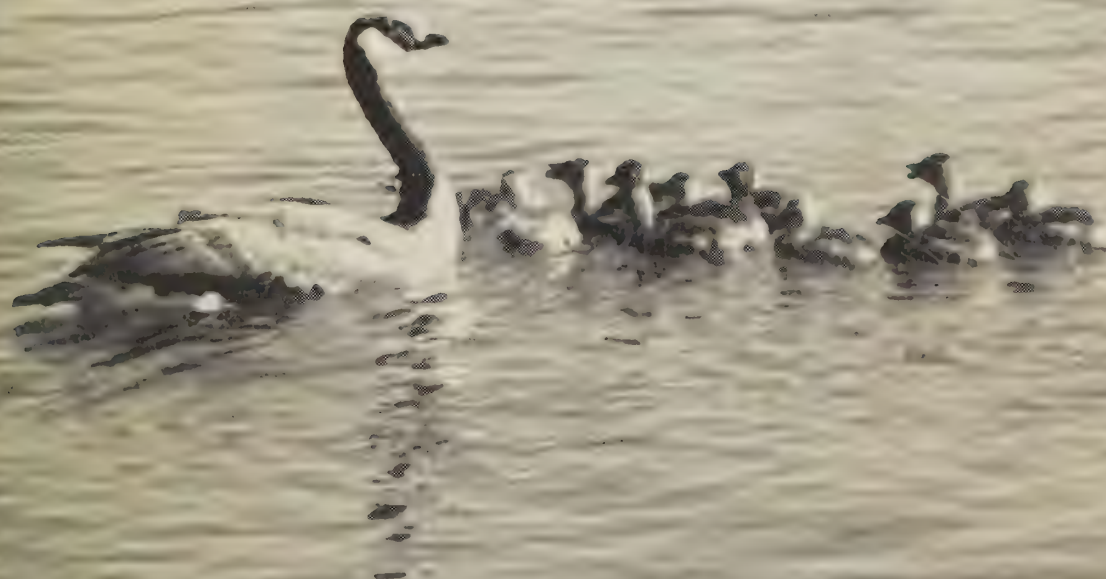


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Ministry of
Natural
Resources

Statistics 1974

Government
Publications



Statistics 1974

A statistical supplement to the Annual
Report of the Minister of Natural Resources
for the year ending March 31, 1974



Ontario

Ministry of
Natural
Resources

Hon. Leo Bernier
Minister

Dr. J. K. Reynolds
Deputy Minister

Statistical Reports

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MINISTRY OF NATURAL RESOURCES*

Hon. Leo Bernier	Minister of Natural Resources.
Dr. J.K. Reynolds	Deputy Minister.
L. Ringham	Assistant Deputy Minister, Northern Ontario.** Northwestern Region North Central Region Northern Region Northeastern Region.
W.T. Foster	Assistant Deputy Minister, Southern Ontario. Algonquin Region Eastern Region Central Region Southwestern Region.
A.J. Herridge	Assistant Deputy Minister, Resources and Recreation. Division of Forests Division of Mines Division of Fish and Wildlife Division of Parks.
J.W. Giles	Assistant Deputy Minister, Lands and Waters. Division of Lands Field Services Division Conservation Authorities Branch.

MINISTERIAL AGENCIES

G.H. Ferguson, Q.C.	Mining and Lands Commissioner.
D.R. Wilson	General Manager, Niagara Parks Commission.
J.R. Sloan	General Manager, St. Lawrence Parks Commission.
R.V. Brittain	General Manager, St. Clair Parkway Commission.

*Main Office in Parliament Buildings, Toronto, Ontario.

**235 Bay Street, Thunder Bay 'P', Ontario P7B 1R4. Phone (807) 344-0714.

MINISTRY REGIONS AND DISTRICTS

— Areas in Square Miles*

NORTHWESTERN REGION

Dryden	4,618	
Fort Frances	4,188	
Ignace	4,426	
Kenora	5,478	
Red Lake	24,751	
Sioux Lookout	<u>43,281</u>	86,742
Pt. Rainy Lake	472	
Pt. Lake of the Woods	<u>937</u>	<u>1,409</u>
Total, Region		<u>88,151</u>

NORTHERN REGION

Chapleau	9,113	
Cochrane	11,859	
Gogama	2,993	
Hearst	9,747	
Kapuskasing	8,195	
Kirkland Lake	5,140	
Moosonee	<u>83,298</u>	
Timmins	<u>3,050</u>	133,395
Pt. Lake Abitibi	<u>305</u>	<u>305</u>
Total, Region		<u>133,700</u>

ALGONQUIN REGION

Algonquin Park	3,620	
Parry Sound	2,775	
Bancroft	1,683	
Bracebridge	2,492	
Minden	1,832	
Pembroke	<u>2,821</u>	15,223
Pt. Georgian Bay	<u>1,496</u>	<u>1,496</u>
Total, Region		<u>16,719</u>

SOUTHWESTERN REGION

Aylmer	2,599	
Chatham	2,853	
Owen Sound	3,018	
Simcoe	1,088	
Wingham	<u>2,660</u>	12,218
Pt. Lake Huron and Lake Erie	11,950	
Pt. Lake St. Clair	<u>260</u>	<u>12,210</u>
Total, Region		<u>24,428</u>

NORTH CENTRAL REGION

Atikokan	4,361	
Geraldton	43,546	
Nipigon	9,874	
Terrace Bay	4,893	
Thunder Bay	10,995	
White River	<u>2,877</u>	76,546
Lake Nipigon	1,933	
Pt. Lake Superior	<u>7,363</u>	<u>9,296</u>
Total, Region		<u>85,842</u>

NORTHEASTERN REGION

Blind River	3,674	
Espanola	3,677	
North Bay	4,119	
Sault Ste Marie	3,055	
Sudbury	4,913	
Temagami	2,647	
Wawa	<u>5,824</u>	27,909
Pt. Lake Huron and Lake Superior	<u>8,589</u>	
Lake Nipissing	315	
Lake Wahnapiatae	<u>56</u>	<u>8,960</u>
Total, Region		<u>36,869</u>

EASTERN REGION

Brockville	1,350	
Cornwall	2,160	
Lanark	1,274	
Napanee	2,524	
Ottawa	1,149	
Tweed	<u>2,504</u>	10,961
Pt. Lake Ontario	<u>1,673</u>	<u>1,673</u>
Total, Region		<u>12,634</u>

CENTRAL REGION

Cambridge	2,757	
Huron	2,529	
Lindsay	2,647	
Maple	1,858	
Niagara	<u>1,031</u>	10,822
Pt. Lake Ontario and Lake Erie	3,131	
Lake Simcoe	<u>286</u>	<u>3,417</u>
Total, Region		<u>14,239</u>

TOTALS

49 Districts	373,816
12 Lakes	<u>38,766</u>
Area of Ontario	412,582

*December 12, 1973,
Surveys and Mapping Branch

DIVISION OF FORESTS

Room W-3610, Main Office.

Telephone (416) 965-3040.

Executive Director	J.W. Lockwood	W-3610 . . 3040
Administration	Mrs. E. Rhodes	W-3607 . . 2731
Program Analyst	D. Salie	W-3615 . . 2785

FOREST MANAGEMENT BRANCH

Room W-3628, Main Office.

Telephone (416) 965-2785.

Branch Director	R.M. Dixon	W-3618 . . 2785
Silviculture Section	W.R. Grinnell, Spvr	W-3620A . 2575
Hardwood and Pine	C.J. Heeney	W-3621A . 2575
Boreal Forest	F.C. Robinson	W-3621 . . 2575
Equipment and Techniques	J.D. Scott	W-3632 . . 2575
Tree and Seed Improvement	C.H. Lane	W-3623 . . 2575
Planting Stock	K. Reese	W-3623A . 2575
Advisory Services Section	W.A.G. Thurston, Spvr. . . .	W-3613 . . 2785
Forestry Extension Services	J.F.W. Gourlay	W-3613A . 2785
Silvicultural Assessment	G.E. MacKinnon	W-3615A . 2785
Agreement Administration	D. Holder	W-3631 . . 2785
Pest Control Section	K.B. Turner, Spvr.	W-5613 . . 2781

FOREST TREE PRODUCTION BY MINISTRY NURSERIES

Years	No. of Trees	Years	No. of Trees	Years	No. of Trees
1905-12	1,480,539	1954	24,448,860	1967	51,712,461
1912-25	13,096,866	1955	25,519,383	1968	54,805,170
1925-30	46,642,175	1956	28,351,483	1969	52,157,150
1930-35	51,996,837	1967	31,081,112	1970	62,623,496
1935-40	67,900,012	1958	25,854,262	1971	68,182,719
1940-45	57,617,763	1959	33,414,110	1972	76,597,391
1946	13,175,575	1960	41,682,125	1973	68,161,038
1947	12,269,533	1961	49,833,412	1974	65,362,395
1948	13,049,776	1962	43,194,863		
1949	17,700,970	1963	43,767,916		
1950	19,027,807	1964	43,922,685		
1950-52	20,749,268	1965	49,484,068		
1953	24,241,754	1966	49,019,854	Total	1,347,124,829

USE OF NURSERY STOCK — in year ending March 31, 1974

Tree Species	Private Land	Crown Lands and Agreement Forests	Education or Science	Total
White Spruce	2,553,612	17,692,954	10,675	20,257,241
Black Spruce	82,350	16,595,308	6,500	16,684,158
Red Pine	2,176,067	7,739,989	91,875	10,007,931
Jack Pine	159,625	6,802,737	2,950	6,965,312
White Pine	1,309,435	3,788,436	65,450	5,163,371
White Cedar	1,248,894	654,176	3,650	1,906,720
Scotch Pine	1,070,416	10,960	775	1,082,151
Silver Maple	249,030	228,967	200	478,197
Norway Spruce . . .	404,850	65,973	150	470,973
Carolina Popular . .	317,437	103,082	800	421,319
Black Walnut	164,125	218,025	...	382,150
Red Spruce	2,650	323,375	...	326,025
White Ash	165,339	100,977	...	266,316
European Larch . . .	85,540	97,900	50	183,490
Yellow Birch . . . . .	.....	135,125	...	135,125
Red Oak	83,888	26,912	225	111,025
Multiflora Rose . . .	800	94,775	...	95,575
Black Locust	48,525	26,003	400	74,928
Tamarack	20,525	24,200	...	44,725
Hemlock	397	41,010	...	41,407
Autumn Olive	250	32,775	1,000	34,025
Cottonwood	6,600	17,210	...	23,810
Other Species	51,075	151,071	4,275	206,421
Total	10,201,430*	54,971,990	188,975	65,362,395

* Excluding W.I.A.

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS –

in years ending March 31

County or District	1970	1971	1972	1973	1974
Algoma	110,450	92,325	116,300	127,200	118,600
Brant	292,625	226,175	237,175	271,912	216,270
Bruce	220,300	254,852	249,035	291,375	136,883
Carleton	330,325	576,675	523,280	649,371	148,880
Cochrane	—	29,300	—	6,500	15,750
Dufferin	508,100	456,275	426,360	696,131	266,875
Dundas	131,975	86,325	40,325	142,825	4,314
Durham	414,375	619,071	439,234	497,565	293,985
Elgin	292,075	327,900	330,370	471,965	152,384
Essex	51,750	84,350	123,685	145,639	113,050
Frontenac	281,650	280,925	222,050	268,900	61,800
Glengarry	301,100	187,025	317,930	370,525	1,600
Grey	616,016	858,235	713,394	1,121,355	439,648
Haldimand	98,375	112,190	112,750	62,775	61,020
Haliburton	25,800	186,150	153,550	186,675	44,600
Halton	287,975	428,150	273,457	311,385	247,065
Hastings	467,425	572,000	540,075	526,350	157,025
Huron	93,110	193,550	159,915	374,275	169,689
Kenora	8,350	187,400	251,550	272,250	244,250
Kent	39,227	30,050	93,750	118,700	143,650
Lambton	52,050	99,445	62,050	161,960	121,225
Lanark	391,950	488,925	626,600	623,475	79,450
Leeds & Grenville . .	180,850	277,775	378,756	273,910	225,740
Lennox & Addington .	100,165	162,375	120,875	134,025	118,750
Lincoln	68,125	71,500	.....	.....	2,900
Manitoulin	11,150	7,175	3,550	3,400	.....
Middlesex	247,153	349,341	552,522	576,907	432,093
Muskoka	186,875	194,050	146,285	106,775	79,925
Niagara . . . . .	.....	.....	305,622	219,202	280,710
Nipissing	12,075	69,325	84,925	78,825	159,350
Norfolk	251,914	191,470	241,655	236,830	293,455
Northumberland . . .	263,000	362,043	383,255	429,930	131,677
Ontario	400,982	533,130	430,565	372,225	316,625
Oxford	245,150	293,900	340,327	294,850	220,205
Parry Sound	326,725	412,175	354,750	286,750	149,000
Peel	429,800	471,385	303,485	427,575	466,382
Perth	35,550	146,775	140,027	240,000	141,490
Peterborough	381,438	476,455	341,075	552,150	144,903
Prescott	159,375	301,800	249,150	124,425	600
Prince Edward	52,600	40,900	29,800	87,350	33,000
Rainy River	204,950	249,975	186,600	310,750	44,180
Renfrew	1,179,325	1,281,050	850,159	647,300	150,825
Russell	125,425	170,200	116,350	176,985	7,257
Simcoe	993,319	1,057,545	1,201,862	1,250,260	980,617

(Continued from previous page)

County or District	1970	1971	1972	1973	1974
Stormont	86,325	64,325	136,385	187,650	426,550
Sudbury	117,675	255,050	251,875	214,275	265,000
Thunder Bay	559,700	276,275	328,260	335,448	248,570
Timiskaming	5,625	6,550	17,475	16,175	15,900
Victoria	263,150	115,575	184,400	215,775	69,965
Waterloo	297,025	235,325	199,902	267,925	194,425
Welland	220,325	144,425	.....	.....	.....
Wellington	435,200	456,550	535,748	690,664	568,610
Wentworth	453,775	436,820	323,487	490,299	364,284
York	520,640	420,185	382,745	448,670	430,429
Total	14,246,964	16,339,867	15,666,207	17,907,113	*10,201,430

*Excluding W.I.A.

FOREST AREAS MANAGED BY THE MINISTER —

in Acres at March 31, 1974

Agreement Holders	Date of Agreement	Added 1973-4	Released 1973-4	Total
GOVERNMENT OF CANADA				
National Capital Commission	Aug 16, 1961	.....	.....	3,532.00
24 CONSERVATION AUTHORITIES				
Ausable River	Dec 13, 1951	.....	.....	4,299.00
Cataraqui Region	Dec 1, 1971	84.00	.....	844.00
Catfish Creek	Dec 19, 1962	.....	.....	501.00
Central Lake Ontario	Sep 24, 1963	.....	.....	194.13
Crowe Valley	Aug 21, 1963	.....	.....	200.00
Ganaraska	Jan 31, 1947	.....	.....	8,548.60
Grand River	Mar 18, 1952	.....	.....	5,884.37
Hamilton Region	Oct 19, 1962	.....	.....	12.50
Lakehead Region	May 15, 1958	.....	.....	1,256.70
Long Point Region	Dec 2, 1954	29.57	.....	5,994.37
Lower Thames Valley	Aug 12, 1964	.....	.....	300.00
Maitland Valley	Apr 1, 1955	.....	.....	849.00
Metropolitan Toronto & Region . .	Apr 11, 1951	.....	.....	1,928.00
Moira River	Nov 28, 1951	355.00	.....	17,252.00
Napanee Valley	Oct 28, 1954	.....	.....	6,666.00
Niagara Peninsula	Jun 6, 1963	.....	.....	186.00
North Grey Region	Jun 25, 1958	.....	.....	7,255.00
Otonabee Region	May 15, 1963	375.00	.....	2,643.00
Raisin Region	May 25, 1971	.....	.....	200.00
Sauble	Sep 29, 1959	.....	.....	3,816.00
Saugeen Valley	Dec 15, 1952	.....	.....	14,117.97
South Nation River	Mar 28, 1960	100.00	.....	5,421.58
Sydenham Valley	Jul 13, 1965	.....	.....	150.00
Upper Thames River	Apr 11, 1951	.....	.....	3,443.32
Sub-Total		943.57	.....	91,962.54

(Continued from previous page)

Agreement Holder	Date of Agreement	Added 1973-4	Released 1973-4	Total
11 TOWNSHIPS				
Bonfield	Apr 1, 1952	....	....	60.00
Charlottenburgh	Apr 1, 1955	....	....	175.00
Cramahe	Jan 4, 1964	....	....	162.00
Cumberland	May 29, 1952	....	....	808.44
Darlington	Aug 19, 1964	....	....	140.00
Galway & Cavendish	Nov 1, 1952	....	....	619.00
Machar	Dec 30, 1963	....	....	90.00
Marlborough	Nov 21, 1953	....	....	200.00
Mosa	Jul 16, 1964	....	....	144.00
Torbolton	Mar 28, 1953	....	....	430.80
Williamsburg	Oct 19, 1962	....	....	400.00
Sub-Total . . . . .		....	....	3,229.24
22 COUNTIES				
Brant	Nov 15, 1952	....	....	50.00
Bruce	Jan 20, 1950	....	....	15,533.35
Dufferin	Nov 26, 1930	....	....	2,505.00
Grey	Dec 21, 1937	....	....	8,378.08
Halton	Mar 14, 1950	....	....	1,498.63
Huron	Nov 27, 1950	....	....	1,589.00
Kent	Dec 23, 1953	....	....	75.39
Lanark	Jul 5, 1940	360.00	....	7,225.00
Leeds & Grenville	Apr 24, 1940	120.00	....	12,721.00
Lennox & Addington	Apr 3, 1952	....	5.00	1,181.00
Middlesex	Mar 8, 1954	....	....	1,893.90
Northumberland & Durham	Jun 10, 1924	....	....	5,834.55
Ontario	Jul 9, 1930	....	....	5,161.49
Oxford	Sep 1, 1950	....	....	716.56
Prescott & Russell	Mar 15, 1937	....	....	26,041.93
Renfrew	Dec 26, 1951	300.00	....	15,381.00
Simcoe	Jun 19, 1925	1,028.00	40.00	24,025.13
Stormont, Dundas & Glengarry	Sep 20, 1949	265.00	....	6,018.68
Victoria	Aug 10, 1928	....	....	8,544.56
Waterloo	Apr 17, 1950	....	....	710.48
Wellington	Jun 18, 1964	....	....	1,100.00
Wentworth	Nov 27, 1952	....	....	989.30
Sub-Total		2,073.00	45.00	147,174.03
2 REGIONAL MUNICIPALITIES				
Ottawa-Carleton	Jul 30, 1964	1,350.00	....	3,890.00
York	Mar 27, 1924	....	30.00	4,865.08
Sub-Total		1,350.00	30.00	8,755.08
TOTAL, 60 Managed Forest Areas		4,366.57	75.00	254,652.89

SILVICULTURAL OPERATIONS — Areas in acres in year ending March 31, 1974

Treatment	Crown Lands	Agreement Forest	WIA*	Sub- Total	Other Patent Lands	Total
REGENERATION						
Nursery stock planted .	60,394	2,197	10,512	73,103	4,977	78,080
Container stock planted	4,847	.....	.....	4,847	.....	4,847
Seeding	25,094	5	.....	25,099	.....	25,099
Modified harvest cut . .	20,984	347	549	21,880	.....	21,880
Scarification	9,126	.....	.....	9,126	.....	9,126
Seed trees	11,173	.....	.....	11,223	.....	11,223
Sub-Total	131,618	2,549	11,111	145,278	4,977	150,255
TENDING						
Hand cleaning	13,353	1,931	44	15,328	.....	15,328
Herbicide spraying** . .	8,815	877	107	9,799	.....	9,799
Improvement Cuts . . .	29,079	5,349	3,961	38,389	869	39,258
Pruning	3,067	1,112	181	4,360	50	4,410
Fertilization, drainage .	313	276	.....	589	.....	589
Sub-Total	54,627	9,545	4,293	68,465	919	69,384
TOTAL, Area Treated .	186,245	16,978	21,683	302,426	15,732	318,158
SITE PREPARATION***	71,933	699	2,149	74,781	25	74,806
TREE MARKING . . .	77,520	4,884	6,279	88,683	9,836	98,519

CLASSIFICATION OF CUTOVER — Areas in acres in year ending March 31, 1974

CUTTING METHOD ON CROWN LAND AND PATENT LAND	Regeneration Required	Satisfactory Natural Regeneration	Regeneration Not Required	Total
Clear Cut	271,906	95,345	.....	367,251
Selection Cut . . . . .	.....	76,390	.....	76,390
Partial Cut . . . . .	.....	.....	30,845	30,845
TOTAL	271,906	171,735	30,845	474,486

* Agreements under The Woodlands Improvement Act.
** Includes girdling, frilling and poisoning.
*** Preparation for seeding, planting or modified harvest cutting.

CROWN LANDS TREATED — Areas in acres in years ending March 31

Silvicultural Operations	1970	1971	1972	1973	1974
REGENERATION					
Site prep for nat regeneration . . .	20,978	14,293	21,936	10,014	9,126
Modified harvest system	8,808	6,664	27,517	37,234	20,984
Seed tree system	13,498	4,227	7,751	5,480	11,173
Planting	79,076	76,639	87,955	75,477	65,241
Direct Seeding	11,154	21,311	22,161	21,749	25,094
Sub-Total	133,514	123,134	167,320	150,044	131,618
TENDING					
Hand cleaning	6,891	8,078	16,170	9,656	13,353
Herbicide spraying**	48,113	21,761	44,785	8,609	8,815
Improvement cuts, thinning . . .	6,111	5,742	9,358	17,202	29,079
Pruning	898	3,722	4,392	2,542	3,067
Fertilization, drainage	1,054	1,177	1,177	896	313
Sub Total	63,067	40,480	75,882	38,905	54,627
Total	196,581	163,614	243,202	188,949	186,245
Site Preparation***	46,841	52,703	57,796	57,765	71,933
Marking . . . . .	.....	18,771	2,393	32,152	77,520
TOTAL, Area Treated	243,422	235,088	303,391	278,866	335,698

**Includes girdling, frilling and poisoning.
***Preparation for seeding, planting or modified harvest cutting.

DIVISION OF FORESTS

TIMBER SALES BRANCH

Room W-3508, Main Office. Telephone (416) 965-2731.

Branch Director	D.P. Drysdale	W-3508 . . 2731
Licensing and Finance Section	J.R. Keddie, Spvr.	W-3506 . . 2731
Operations	J. H. Butts	W-3505 . . 2731
Licensing	D.A. Denton	W-3507 . . 2731
Forest Mensuration	J.A. Mervart	W-3637 . . 2731
Management Plans Section	J.D. Hughes, Spvr.	W-3635 . . 7631

MANAGEMENT UNITS — Areas in Square Miles at March 31

Year	CROWN LAND FORESTS						AGREEMENT FORESTS	
	Crown No.	Area.	Company No.	Area.	Total No.	Area	No.	Area
1964	81	.....	75	.....	156	.....	46	245
1965	81	88,214.7	71	100,476.4	152	188,691.1	59	280.1
1966	78	89,122.1	67	97,726.0	145	186,848.1	60	315.2
1967	78	90,665.0	66	99,342.9	144	190,007.9	60	328.8
1968	77	91,987.0	66	99,351.0	143	191,338.0	60	339.6
1969	77	93,052.0	57	93,126.0	134	186,178.0	60	350.0
1970	79	94,644.0	57	93,613.0	136	188,257.0	60	360.0
1971	87	102,738.0	57	89,985.0	144	192,723.0	60	360.0
1972	86	100,566.0	57	89,985.0	143	190,551.0	60	360.0
1973	86	100,757.0	57	89,985.0	143	190,742.0	60	381.0
1974	88	110,107.0	31	79,347.0	119	189,454.0	60	389.0

TIMBER LICENCES — Areas in Square Miles at March 31

Year	No. of Licences	Under Section 2	Under Section 3	Under Section 5	Total Area Licensed
1964	562	2,556.89	99,679.49	18.20	102,254.58
1965	590	2,564.98	103,347.49	4.90	105,917.37
1966	533	2,466.68	100,362.79	1.20	102,830.67
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4
1973	505	286.8	94,290.4	100.1	94,677.3
1974	500	284.9	91,971.5	37.5	92,293.9

TIMBER CUT ON CROWN LANDS —

in 000s cubic feet and \$000s in years ending March 31

Year	Permits Issued	Sawlogs	Long Timber	Pulpwood	Fuel Wood	Misc.	Total Volume	Stumpage Value
1964	4,392	122,015	1,524	231,301	1,614	3,611	360,065	\$12,506
1965	3,095	127,469	2,467	240,209	1,601	4,463	376,209	13,455
1966	3,330	115,388	2,407	261,923	1,143	4,980	385,841	13,446
1967	2,805	93,541	1,966	321,161	1,028	5,773	423,469	14,582
1968	2,695	99,719	1,448	327,315	1,739	5,674	435,895	14,866
1969	2,459	82,845	1,112	304,784	646	6,749	396,136	13,809
1970	2,310	76,747	867	351,860	548	327	430,349	14,428
1971	2,333	60,520	891	333,565	600	209	395,785	12,829
1972	2,217	80,652	701	307,705	429	184	389,671	12,183
1973	2,340	84,302	759	358,001	586	197	443,843	13,900
1974	2,806	93,716	834	410,298	673	164	505,684	15,480

WOOD CUT ON CROWN LAND BY SPECIES — in 000s cubic foot and \$000s in years ending March 31

Species	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
SOFTWOOD											
Balsam. . . .	10,219	11,454	10,044	11,366	14,525	12,225	13,677	11,464	10,656	13,695	14,868
Cedar	182	177	170	205	567	255	185	148	358	299	466
Hemlock . . .	3,032	3,128	2,694	2,759	2,855	2,355	2,251	1,519	1,707	1,707	2,162
Jack Pine . .	82,239	89,613	99,930	111,791	107,875	114,166	121,391	115,284	127,311	138,445	157,509
Red Pine . . .	6,446	7,297	6,767	6,962	7,022	4,572	4,571	3,767	3,897	4,231	6,569
Scots Pine. .	..	17	..	..	..	..	..	14	32	..	..
White Pine .	24,409	24,769	24,702	22,073	24,316	17,389	14,290	11,673	12,207	16,166	19,213
Spruce . . .	183,756	195,017	197,935	223,502	220,569	198,982	221,448	203,886	183,011	216,261	241,632
Tamarack . .	28	98	73	86	120	61	22	11	48	53	60
Mixed	453	445	419	449	659	302	356	257	106	136	50
HARDWOOD											
Ash	95	104	143	85	76	125	53	33	63	45	63
Basswood . .	575	480	465	360	462	392	325	262	426	235	393
Beech	483	359	480	432	351	255	332	218	381	383	451
W. Birch . .	3,732	3,332	3,203	2,964	5,654	3,430	2,241	1,669	2,107	2,466	2,639
Y. Birch . .	8,963	8,983	8,284	7,400	8,370	5,780	4,588	4,059	4,863	5,186	3,991
Butternut. .	2	1	1	1	2	1	1	..	..	..	1
Cherry . . .	22	30	25	25	20	14	20	19	42	32	32
Elm	267	278	384	247	423	199	170	133	188	114	122
Maple	7,649	8,459	8,323	9,041	10,004	5,963	5,235	4,807	7,605	6,740	7,576
Oak	355	348	387	321	282	331	311	242	285	303	363
Poplar	25,995	20,654	21,205	21,260	27,682	22,535	24,994	21,338	23,848	27,726	31,495
Mixed	1,162	1,166	744	2,140	4,062	6,705	13,889	14,983	10,530	9,275	16,029
TOTALS											
Softwood . .	310,765	332,014	342,196	379,193	378,508	350,407	378,191	348,022	339,333	390,993	442,529
Hardwood .	49,300	44,195	43,645	44,276	57,388	45,730	52,159	47,762	50,338	52,505	63,155
Total	360,065	376,209	385,841	423,469	435,895	396,137	430,350	395,785	389,671	443,497	505,684
Value * . . .	12,473	13,417	13,416	14,528	14,832	13,809	14,428	12,829	12,183	13,856	15,480

* Export Levy not included.

TIMBER CUT ON CROWN LANDS — in Year Ending March 31, 1974.

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
CORDAGE				
PULPWOOD ROUGH				
White Pine	4,090.28	347,624.55	\$ 10,234.66
Red Pine	4,085.24	347,242.80	11,216.64
Jack Pine	350,674.03	29,807,093.88	743,412.97
Mixed Pine	79.87	6,788.10	234.93
Spruce	572,786.75	48,686,947.33	1,659,114.06
Hemlock	20.31	1,726.64	29.71
Balsam	20,754.14	1,762,009.61	38,745.97
Cedar	716.30	60,885.50	1,290.85
Tamarack	142.45	12,108.25	220.70
Conifers	81.56	6,932.60	130.50
Maple	372.14	31,631.79	1,426.90
Yellow Birch	4.08	346.43	15.30
White Birch	6,053.49	514,539.37	6,188.49
Oak	1.00	85.00	1.00
Beech	22.74	1,933.12	24.10
Ash	12.30	1,045.72	44.31
Elm	16.47	1,399.42	16.70
Basswood	27.62	2,347.70	21.12
Black Cherry	1.72	146.52	17.20
Poplar	101,225.08	8,604,233.69	79,309.78
Hardwoods	27,036.49	1,672,182.65	45,077.88
Sub-Total	1,088,204.06	91,869,250.67	2,596,773.77
PULPWOOD PEELED				
Jack Pine	12,033.48	1,200,348.00	29,434.55
Spruce	127,934.11	12,793,411.00	415,860.01
Balsam	15,299.58	1,529,958.00	28,704.69
White Birch	233.80	23,380.00	261.57
Poplar	9,384.94	938,494.00	9,771.15
Sub-Total	164,855.91	16,485,591.00	484,031.97
VENEER BOLTS				
White Pine	1.30	110.50	1.95
Jack Pine	321.12	27,295.20	674.41
Spruce	3,813.81	324,173.85	12,168.02
Balsam	5.19	441.15	9.11
White Birch	2,503.55	212,801.75	2,340.65
Poplar	26,396.67	2,243,716.95	22,507.84
Sub-Total	33,041.64	2,808,539.40	37,701.98
FUELWOOD				
Conifers	365.71	31,085.35	278.61
Hardwoods	7,832.70	641,662.00	6,830.78
Sub-Total	8,198.41	672,747.35	7,109.39
TOTAL				
CORDAGE	1,294,300.01	111,836,128.42	3,125,617.11

LOGS, LONG TIMBERS

PULP LOGS

White Pine	167,866	613,930.71	613,930.71	11,001.83
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(continued from previous page)

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Red Pine	46,311	109,149.33	109,149.33	\$ 1,910.55
Jack Pine	1,719,183	7,088,186.72	7,088,186.72	153,975.11
Spruce	3,759,325	12,983,888.00	12,983,888.00	356,290.54
Hemlock	18,112	105,215.39	105,215.39	1,771.09
Balsam	290,937	1,151,791.14	1,151,791.14	1,771.09
Cedar	2,055	2,798.93	2,798.93	123.56
Tamarack	839	3,346.67	3,346.67	71.89
Maple	246	1,472.60	1,472.60	8.84
Yellow Birch	67	372.73	372.73	2.25
White Birch	903	5,455.62	5,455.62	42.74
Poplar	4,658	25,929.61	25,929.61	199.02
Hardwoods	246,869	1,548,214.66	1,548,214.66	14,240.81
Sub-Total	6,257,371	23,639,752.11	23,639,752.11	563,027.82
SAWLOGS (Cu Ft)				
White Pine	127,134	1,826,490.15	1,826,490.15	107,846.41
Red Pine	130,634	1,063,980.45	1,063,980.45	61,521.03
Jack Pine	3,638,693	19,166,225.73	19,166,225.73	526,847.03
Spruce	2,298,012	12,443,092.35	12,443,092.35	452,860.17
Hemlock	29	318.92	318.92	7.06
Balsam	117,560	588,129.38	588,129.38	22,564.68
Cedar	20,255	166,377.36	166,377.36	4,659.89
Tamarack	406	4,555.82	4,555.82	108.78
Maple	225	1,381.69	1,381.69	35.78
Yellow Birch	67	680.44	680.44	53.54
White Birch	35,763	277,439.51	277,439.51	6,107.97
Oak	4,665	20,885.76	20,885.76	751.92
Ash	56	4,154.57	4,154.57	64.86
Elm	2	22.38	22.38	.22
Basswood	1,141	7,999.69	7,999.69	109.42
Poplar	513,841	4,064,949.87	4,064,949.87	45,849.10
Hardwoods	3,838	18,157.43	18,157.43	259.23
Sub-Total	6,892,321	39,654,841.50	39,654,841.50	1,229,647.09
VENEER LOGS (Cu Ft)				
Red Pine	5	46.97	46.97	2.11
Jack Pine	13	163.05	163.05	7.34
Spruce	94,172	739,611.65	739,611.65	25,238.57
Yellow Birch	423	4,171.51	4,171.51	417.15
White Birch	64,669	334,294.35	334,294.35	7,413.28
Poplar	1,059,483	6,133,345.91	6,133,345.91	85,968.36
Sub-Total	1,218,765	7,211,633.44	7,211,633.44	118,776.81
LONG TIMBER				
White Pine	844	45,637.22	45,637.22	3,530.54
Red Pine	31,655	642,523.94	642,523.94	71,995.01
Jack Pine	2,583	45,033.10	45,033.10	3,961.80
Spruce	1,002	24,178.17	24,178.17	1,514.37
Hemlock	2,056	58,045.05	58,045.05	3,216.00
Balsam	32	588.10	588.10	30.49
Cedar	1,021	13,349.21	13,349.21	644.60
Tamarack . . . . .	.....	520.11	520.11	20.80
Conifers	162	3,944.91	3,944.91	395.81

(Continued from previous page)

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Hardwoods	48	536.35	536.35	\$ 9.50
Sub-Total	39,403	834,356.16	834,356.16	83,318.92
SAWLOGS (M.B.M.)				
White Pine	1,151,868	92,915.15	15,789,184.03	1,059,731.29
Red Pine	348,710	19,595.77	3,541,943.73	217,838.63
Jack Pine	76,197	2,003.34	426,290.52	14,678.68
Spruce	259,848	13,170.78	2,409,311.49	133,245.66
Hemlock	143,883	11,334.57	1,914,965.61	50,420.64
Balsam	20,235	562.29	109,240.83	6,826.34
Cedar	15,001	437.91	83,398.56	4,407.88
Tamarack	301	11.53	2,163.58	90.50
Maple	583,960	45,179.49	7,538,666.19	425,546.86
Yellow Birch	346,900	24,788.51	3,985,314.23	366,132.18
White Birch	92,248	4,108.09	752,864.64	25,427.18
Oak	32,230	1,975.00	341,890.59	20,169.05
Beech	36,540	2,672.69	448,833.41	13,188.53
Ash	5,766	333.59	58,168.69	3,241.31
Elm	7,209	735.79	120,714.28	7,116.94
Basswood	34,977	2,187.12	382,865.47	28,842.21
Butternut	75	4.24	785.91	102.10
Black Cherry	2,741	188.22	31,521.94	1,356.90
Poplar	196,355	9,151.70	1,697,778.34	42,935.68
Sub-Total	3,355,044	231,355.78	39,635,902.04	2,421,298.56
VENEER LOGS (M.B.M.)				
Yellow Birch	12	.84	124.76	12.60
White Birch	103	4.03	641.80	24.18
Sub-Total	115	4.87	766.56	36.78
TOTAL LOGS, LONG TIMBERS . .	17,763,019	.....	110,977,251.81	4,418,105.98
TREE LENGTH MATERIAL				
White Pine	4,186	129,144.83	129,144.83	6,194.53
Red Pine	5,531	113,440.24	113,440.24	4,066.48
Jack Pine	6,284,601	64,796,992.94	64,796,992.94	1,680,811.91
Spruce	19,143,886	119,023,565.89	119,023,565.89	3,996,890.94
Balsam	1,199,851	7,459,591.94	7,459,591.94	159,034.88
Cedar	124	2,416.04	2,416.04	66.09
Tamarack	6,220	37,228.96	37,228.96	768.03
White Birch	26,004	517,134.12	517,134.12	4,361.08
Poplar	96,949	1,689,817.53	1,689,817.53	12,411.02
Jack Pine	623,490	20,500.10MBM	3,849,722.30	82,000.40
Spruce	139,475	2,938.10	551,179.55	16,672.29
Balsam	1,090	16.40	3,105.05	67.02
TOTAL TREE LENGTH . . .	27,531,407		198,173,339.39	5,963,344.67
WEIGHT MEASURE				
White Pine . . . . .	.....	295,163.16	461,192.46	11,762.89
Red Pine . . . . .	.....	480,003.04	750,004.68	31,220.00

(Continued from previous page)

CLASS	Pieces	Volume	Equivalent Cubic Feet	Stumpage Value
Jack Pine . . . . .	.....	17,410,825.34	31,090,827.32	\$ 679,641.52
Spruce . . . . .	.....	17,403,790.40	31,647,253.26	1,008,457.91
Hemlock . . . . .	.....	57,765.56	81,359.90	1,656.18
Balsam . . . . .	.....	1,380,261.02	2,262,739.05	44,824.85
Conifers . . . . .	.....	827.74	1,478.11	21.94
Poplar . . . . .	.....	4,206,767.33	6,096,764.22	49,313.42
Hardwoods . . . . .	.....	9,106,717.38	12,142,289.73	126,969.14
TOTAL WEIGHT . . . . .	.....	50,342,120.97	84,533,908.73	1,953,867.85
MISCELLANEOUS				
MINING TIMBERS				
Hardwoods . . . . .	.....	71.85	6,107.25	\$ 71.85
		Cords		
Spruce . . . . .	.....	33.11	2,814.35	115.89
Jack Pine	1,865	10,239.36	10,239.36	803.78
		Cu. Ft.		
Spruce	27	467.67	467.67	34.26
Maple	421	2,552.19	2,552.19	66.36
Yellow Birch	71	479.06	479.06	36.42
Oak	8	49.86	49.86	1.29
POSTS				
Cedar . . . . .	.....	50.11	4,258.98	102.67
		Cords		
Jack Pine	49	474.00	474.00	28.34
		Cu. Ft.		
Balsam . . . . .	.....	400.00	400.00	16.00
Cedar	134	163.82	163.82	5.97
Tamarack	86	228.22	228.22	9.13
Cedar	11,762	11,762.00	5,969.20	136.52
		Pieces		
Red Pine . . . . .	.....	1,120.00	380.80	22.40
		Lin. Ft.		
Jack Pine . . . . .	.....	448.00	152.32	9.59
Spruce	764	8,968.00	1,370.59	280.76
Balsam . . . . .	.....	450.00	156.00	9.00
Cedar	100,609	711,953.00	126,589.02	17,034.17
Poplar	400	800.00	160.00	22.00
POKER POLES				
Poplar	3,000	3,000.00	300.00	60.00
		Pieces		
CHRISTMAS TREES				
Spruce	575	575.00	287.50	62.50
		Pieces		
Balsam	420	420.00	210.00	45.00
TOTAL MISC.	120,191		163,810.19	18,973.90
TOTAL TIMBER CUT . . .			505,684,438.54	15,479,909.51

Number of District Cutting Licences issued and included in above: 2,806.

DIVISION OF FORESTS

FOREST RESEARCH BRANCH

Maple, Ontario L0J 1E0. Telephone (416) 832-2261.

Branch Director	D.H. Burton	Extension 317
Tree Biology		
Hardwood Quality	H.W. Anderson	Extension 312
Root Development	Dr. D.C.F. Fayle	Extension 332
Frost Hardiness and Dormancy	C. Glerum	Extension 316
Tree Breeding and Improvement		
Poplar, Hard and Soft Pines	Dr. L. Zsuffa	Extension 295
Spruce	R.M. Rauter	Extension 295
Tree Nutrition	R.H. Leech	Extension 306
Foliar Analysis	Y.T. Kim	Extension 306
Site		
Classification and Nutrients	Dr. D. Burger	Extension 318
Moisture	G. Pierpoint	Extension 331
Poplar Site/Growth	G.A. Sinclair	Extension 324
Mensuration	A.F. Beckwith	Extension 265
Fire Control	R.J. Drysdale	Extension 302
Forest Economics	J. Holowacz	Extension 286
Development	V.H.H. Williamson	Extension 301
Mechanics	V.W. McMullen	Extension 232
Southern Ontario Hardwoods		
Lowlands	H.C. Larsson	Extension 264
Uplands	F. Jaciw	Extension 284

FIELD UNITS

Box 960, Thunder Bay P, Ont P7B 5G5		
White Spruce	N.F. Lyon	(807) 767-1607
Black Spruce	K. Maclain	1607
Balsam Fir	A. Lehela	1607
Poplar	J.A. Kemterman	1607
Box 490, Sault Ste Marie, Ont P6A 5M7		
Spruce	Ar. A.G. Gordon	(705) 256-8461
Dorset, Ont P0A 1E0		
Tolerant Hardwoods	M.M. McLean	(705) 766-2242
Midhurst, Ont L0L 1X0		
Nursery Stock	Dr. R.E. Mullin	(705) 726-7640
	G. Stroempl	7640

DIVISION OF MINES*

Room W-6317, Main Office.

Telephone (416) 965-4271.

Executive Director
Administration
Mine Assessor

G.A. Jewett W-6317 . . 4271
H.E. Cook W-4404 . . 2461
(See Mineral Resources Branch, Page 25)

GEOLOGICAL BRANCH

Room W-2329, Main Office.

Telephone (416) 965-1283.

Branch Director
Geoservices Section
 Assessment Files Research
 Geoscience Data Centre
 Geoscience Information
 Scientific Review
 Technical Services Officer
Geophysics-Geochemistry Section
Mineral Deposits Section
Phanerozoic Geology Section
 Paleozoic Group
 Quaternary Group
Precambrian Geology Section
 North Archean Group
 Central Archean Group
 South Archean Group
 Proterozoic Group
Special Projects Section

Dr. E.G. Pye W-2329 . . 1283
C.R. Kustra, Spvr W-2313 . . 5503
G.T. Stevens W-1606 . . 6139
H.A. Groen W-2413 . . 4641
E.B. Freeman W-2411 . . 4641
Mrs. G.M. Scott W-2309 . . 4536
T.Bell W-2333 . . 7046
Dr. S.A. Ferguson, A/Spvr W-2412 . . 4641
J.A. Robertson, Spvr W-2323 . . 1466
Dr. D.F. Hewitt, Spvr W-2401 . . 1182
Dr. P. Telford W-2419 . . 1183
W.R. Cowan W-2422 . . 1183
Dr. V.G. Milne, Spvr W-2324 . . 1321
P.C. Thurston W-2336 . . 1827
W.O. Mackasey W-2338 . . 1697
Dr. D.R. Pyke W-2322 . . 1546
Dr. K.D. Card W-2321 . . 1546
Dr. S.A. Ferguson, Spvr. W-2412 . . 4641

*See Mining Lands and Prospecting Activities under Lands Administration Branch

GEOSERVICES EDUCATIONAL CLASSES

Numbers of Classes and Registrations (Classes began in years indicated)

Year	BASIC COURSE (1894)		SPECIAL TOPICS Course (1967)		INDIAN CLASSES (1968)		FIELD COURSE (1968)	
	Cl	Reg	Cl	Reg	Cl	Reg	Cl	Reg
1963	3	208	..	..	..	..	..	..
1964	2	171	..	..	..	..	..	..
1965	3	187	..	..	..	..	..	..
1966	4	300	..	..	..	..	..	..
1967	4	327	1	78	..	..	..	..
1968	7	715	1	72	4	92	1	18
1969	7	594	1	82	4	200	1	20
1970	13	1,038	2	155	4	212	1	18
1972	15	1,602	1	63	5	172	1	35
1973	16	1,302	1	187	4	...	2	35

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)

Summary of Approved Expenditures in years ending March 31

AREA	1972	1973	1974	Area Total
	\$	\$	\$	\$
COBALT-GOWGANDA				
Company Expenditures . .	166,927	452,618	519,856	1,139,401
Government Payments . .	55,642	150,873	134,276	340,791
GERALDTON-BEARDMORE				
Company Expenditures . .	92,932	428,595	326,801	848,328
Government Payments . .	30,977	142,865	75,419	249,261
KIRKLAND LAKE				
Company Expenditures . .	127,846	279,350	372,808	780,004
Government Payments . .	42,615	93,117	89,921	225,653
RED LAKE				
Company Expenditures . .	4,293	247,912	689,025	941,230
Government Payments . .	1,431	82,637	195,811	279,879
TOTAL				
Company Expenditures . .	391,998	1,408,475	1,908,490	3,708,963
Government Payments . .	130,665	469,492	495,427	1,095,584

LIST OF FIELD PARTIES

Geological Branch, 1973

No.	Location	Leaders
PRECAMBRIAN GEOLOGY SECTION		
1	Hewitt Lake (North Spirit Lake) Area	J. Wood
2	Earney, Birkett, Agnew and Costello Townships	P.C. Thurston
3	Crow Lake Area	L. Kaye
4	Upper Manitou Lake Area	C.E. Blackburn
5	Houghton-Hough Lakes Area (Thunder Bay)	W. D. Bond
6	Squaw and Sturgeon Lakes Area	N.F. Trowell
7	Operation Ignace-Armstrong	R.P. Sage
		F.W. Breaks
		G.M. Stott
		G.M. McWilliams
8	Sapawe Lake Area	W.H. McIlwaine
		L.B. Chorlton
9	Blackwell and Laurie Townships	K.G. Fenwick
		F.D. Weinstock
		H. Wallace
10	Opik eigen Lake Area (Kenora)	S.E. Amukun
11	Tashota Area (Thunder Bay)	W.O. Mackasey
12	Legault, Colter, Lapierre and Hipel Townships	
13	Nameigos, Mosambik, Carney, Doucett, Cudney, and Simpson Townships	G.M. Siragusa
14	Townships 46 and 47	P. Strivastava
		G. Bennett
15	Wakomata Lake Area	K.M. Siemiatkowska
16	Benny Lake Area	K.D. Card
		D.G. Innes
17	Connaught and Churchill Townships	M.W. Carter
18	Timmins Area	D.R. Pyke
19	Lightning River Area	L.S. Jensen
20	Clement and Scholes Townships	H.D. Meyn
21	Mattawa-Deep River Area	S.B. Lumbers
22	Lorrain Township, Southern Part	H.L. Lovell
		J.W. de Grijs
GEOPHYSICS/GEOCHEMISTRY SECTION		
23	Magnetic Survey of the Sturgeon Lake Area	R.B. Barlow
24	Heavy Mineral Indicators of the Moose River Basin	H.A. Lee
		W.J. Wolfe
25	Magnetic Surveys in McCart and Calvert Townships	J.A. McCance
		D.R. Wadge
26	Geochemical Studies of Glacial Till in Halliday, Midlothian, Kelvin and Natal Townships	L.G. Closs
		E.V. Sado
27	Geochemistry of the Ultramafic Rocks of Abitibi Belt	W.J. Wolfe
28	Gravity Survey of Lake Timiskaming-Englehart Area	J.A. McCance
PHANEROZOIC GEOLOGY SECTION		
29	Quaternary Geology of Alexandria-Hawkesbury Area	Q.H.J. Gwyn
		H. Lohse
30	Quaternary Geology of Collingwood Area	G.J. Burwasser
31	Paleozoic Geology of the Niagara Escarpment	P.G. Telford
32	Quaternary Geology of Palmerston and Wingham Areas	W.R. Cowan
33	Quaternary Geology of St. Mary's Area	P.F. Karrow
34	Quaternary Geology of Dunville Area	B.H. Feenstra

ASSESSMENT FILES RESEARCH

Office Operations	1946-68	1969	1970	1971	1972	1973	Total
FILES ADDED							
Technical Surveys and Summaries for Assessment Credit	2,931	273	526	473	377	277	4,857
MEAP. . . . .	.....	.....	.....	8	88	59	155
Ontario Securities Commission and Misc. . . . .	.....	.....	.....	55	93	85	233
Drilling Reports	3,565	649	551	670	535	556	6,526
OPERATIONS							
Enquiries	NA	1,209	1,849	2,050	2,178	3,471	.....
Files Examined	NA	2,922	6,612	10,598	10,238	12,061	.....
Control Maps Examined . . .	NA	2,527	6,191	6,266	6,843	7,173	.....

DIVISION OF MINES

MINERAL RESOURCES BRANCH

3rd Floor, 880 Bay St. Toronto, Ont. M5S 1Z8. Telephone (416) 965-1559.

Branch Director and Mine Assessor	Dr. T.P. Mohide	1559
Mineral Taxation Assessment Section	J.A. Stoddart	1016
Mineral Economics	E.E. Matten	1016
Metallic Minerals Section	E.J. Wade, Spvr	1311
Industrial Minerals Section	C.F. Foster, Spvr	1172
Pits and Quarries	T.W. Fletcher, Spvr	3127
Petroleum Resources Section	D.D. McLean, Spvr	1981

ONTARIO MINERAL PRODUCTION IN 1972 AND 1973

1972 figures are final. 1973 figures are Statistics Canada preliminary.

METALLICS	*** Unit	1972		1973	
		Quantity	Value	Quantity	Value
Antimony lb		\$	\$
Bismuth lb		22,304	80,071	13,000	61,000
Cadmium lb		2,575,274	6,515,443	2,895,000	10,539,000
Calcium lb		469,378	337,609	617,000	446,000
Cobalt lb		2,593,814	6,387,560	3,126,000	9,125,000
Columbium (Cb ₂ O ₅) . . lb	
Copper lb		579,445,166	293,493,836	554,523,000	353,750,000
Gold troy oz		1,019,303	58,720,007	902,000	86,930,000
Indium troy oz	
Iron Ore** . . . long ton		11,755,336	139,514,537	12,336,000	145,025,000
Lead lb		21,210,868	3,272,413	24,883,000	4,016,000
Magnesium lb		11,847,671	4,537,125	11,660,000	4,319,000
Mercury lb	
Molybdenum lb	
Nickel lb		378,855,007	519,935,356	391,916,000	565,065,000
Platinum Group . . troy oz		402,403	34,330,972	288,000	34,274,000
Selenium lb		108,783	969,257	90,000	853,000
Silver troy oz		19,587,694	32,717,449	19,938,000	49,845,000
Tantalum (Ta ₂ O ₅) . . . lb	
Tellurium lb		8,327	49,462	3,000	16,000
Thorium lb	
Tin lb	
Tungsten (WO ₃) . . . lb	
Uranium (U ₃ O ₈) . . . lb		8,428,053	*.....	7,915,000	*.....
Yttrium (Y ₂ O ₃) . . . lb	
Zinc lb		789,782,141	150,619,352	895,739,000	214,619,000
Total Value, Metallics			\$1,251,474,449		\$1,478,883,000

NON-METALLICS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Arsenious Oxide lb		\$	\$
Asbestos short ton		37,560	4,405,394	34,000	3,850,000
Barite short ton	
Diatomite short ton	
Feldspar short ton	
Fluorspar short ton	
Gemstone lb		*.....	70,000	*.....	75,000
Grindstone . . . short ton	
Gypsum short ton		726,491	2,158,231	746,000	1,950,000
Helium Mcf	
Lithia lb	
Magnesitic Dolomite and Brucite ton	
Mica lb	

**Iron Ore means iron oxide pellets, concentrates, or direct shipping ores.

***Short ton = 2,000 lbs avdp. Long Ton = 2,240 lbs avdp.

bbl = 35.0 Imperial gallons. Mcf = 1,000 cubic feet.

*Figures not available.

Nepheline Syenite	short ton	559,483	5,902,063	576,000	7,372,000
Nitrogen	mcf	.....	.....	.....	.....
Peat Moss	short ton	13,560	570,713	15,000	675,000
Potash (K ₂ O)	short ton	.....	.....	.....	.....
Pyrite, Pyrrhotite .	short ton	.....	.....	.....	.....
Quartz	short ton	1,177,753	2,750,258	1,230,000	3,360,000
Salt	short ton	4,037,789	24,481,406	3,980,000	28,916,000
Soapstone, Talc, Pyrophyllite . .	short ton	*.....	417,728	*.....	530,000
Sodium Sulphate .	short ton	.....	.....	.....	.....
Sulphur from Smelter Gas . .	short ton	340,708	2,568,938	394,000	5,126,000
Sulphur, Elemental	short ton	50,376	879,560	1,000	3,000
Titanium Dioxide,	short ton	.....	.....	.....	.....
Total Value, Non-Metallics			\$ 44,204,291		\$ 51,857,000

FUELS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Coal	short ton	.....	\$ .....	.....	\$ .....
Natural Gas	Mcf	12,375,129	4,120,828	9,528,102	3,677,847
Natural Gas by-prods.	bbl	.....	.....	.....	.....
Petroleum, Crude . . .	bbl	878,108	2,511,389	808,469	2,865,853
Total Value, Fuels			\$ 7,266,268		\$ 6,543,700

STRUCTURAL MATERIALS	Unit	1972		1973	
		Quantity	Value	Quantity	Value
Clay Products . . .	Short ton	*.....	\$ 31,569,829	*.....	\$ 33,624,000
Cement	Short ton	3,761,195	76,213,423	4,111,000	82,216,000
Lime	short ton	1,192,197	18,475,204	1,228,000	19,036,000
Sand and Gravel . .	short ton	76,380,000	64,320,000	78,000,000	65,000,000
Stone	short ton	31,091,493	41,230,596	32,700,000	41,800,000
Total Value, Structural Materials			\$ 231,809,052		\$ 241,676,000
ONTARIO MINERAL PRODUCTION					
TOTAL VALUE			\$1,534,754,060		\$1,779,271,000

NOTE — Stated values are arrived at by applying an estimated representative price to the total metal content. They are NOT identical with revenue. The series can thus only be used for long-run historical trend analyses.

* Figures Not Available.

VALUE OF MINERAL OUTPUT IN ONTARIO

Regions	1968	1969	1970	1971
Northwestern Region . .	\$ 23,239,294	\$ 27,437,357	\$ 33,556,749	\$ 40,844,672
North Central Region . .	109,502,498	110,359,629	107,792,662	121,003,164
Northern Region	239,306,533	247,403,426	247,647,967	226,083,942
Northeastern Region . .	748,293,980	617,886,661	969,497,116	909,471,845
Algonquin Region	14,033,510	16,538,583	15,095,178	13,189,900
Eastern Region	35,979,791	39,687,675	42,476,823	42,568,583
Central Region	97,477,219	97,670,159	102,095,847	122,073,745
Southwestern Region . .	87,795,845	66,396,847	71,973,235	78,918,054
Total	1,355,628,670	1,223,380,337	1,590,135,577	1,554,153,905

ONTARIO NATURAL GAS PRODUCTION — in M.c.f. (1,000 cubic feet)

Year	Annual	Cumulative	Year	Annual	Cumulative
1890-1905 Estimated 44,413,476					
1906	2,534,200	46,947,676	1946	7,051,309	432,825,724
1907	4,155,900	51,103,576	1947	7,785,921	440,611,645
1908	4,483,000	55,586,576	1948	8,590,429	449,202,074
1909	5,388,000	60,974,576	1949	8,024,213	457,226,287
1910	7,263,300	68,237,876	1950	8,302,190	465,235,775
1911	12,311,900	80,549,776	1951	8,442,842	473,678,617
1912	12,454,900	93,004,676	1952	8,009,488	481,980,807
1913	12,558,400	105,563,075	1953	9,835,469	491,816,276
1914	14,062,800	119,625,876	1954	10,015,818	501,832,094
1915	15,212,300	134,838,176	1955	10,852,857	512,684,951
1916	17,929,100	152,767,276	1956	12,811,618	525,496,569
1917	20,026,000	172,793,276	1957	14,400,913	539,897,482
1918	13,067,400	185,860,676	1958	16,147,986	556,045,468
1919	11,195,300	197,055,976	1959	16,839,236	572,884,704
1920	10,545,000	207,600,976	1960	18,256,641	591,141,345
1921	8,532,234	216,133,210	1961	14,544,165	605,685,510
1922	8,568,301	224,701,511	1962	15,593,784	621,279,294
1923	8,128,413	232,829,924	1963	15,920,055	637,199,349
1924	7,370,914	240,200,838	1964	13,815,967	651,015,316
1925	7,257,274	247,458,112	1965	12,699,483	663,714,799
1926	7,776,496	255,234,608	1966	15,537,157	679,251,956
1927	7,311,214	262,545,822	1967	12,228,759	693,480,715
1928	7,632,740	270,178,562	1968	12,065,829	705,546,544
1929	8,583,187	278,761,749	1969	11,237,888	716,784,432
1930	7,943,416	286,705,165	1970	16,649,459	773,433,891
1931	7,419,534	294,124,699	1971	16,167,731	749,601,622
1932	7,386,154	301,510,853	1972	12,375,129	761,976,751
1933	7,166,659	308,677,512	1973	9,528,102	771,504,853
1934	7,682,851	316,360,363			
1935	8,185,825	324,546,188			
1936	10,006,743	334,552,931			
1937	10,746,334	345,299,265			
1938	10,952,806	356,252,071			
1939	11,966,581	368,218,652			
1940	13,053,403	381,272,055			
1941	11,828,703	393,100,758			
1942	10,476,770	403,577,528			
1943	7,914,408	411,491,936			
1944	7,082,509	418,574,445			
1945	7,199,970	425,774,415			

Proven resources of natural gas are 230 billion cubic feet (Bcf).
Potential resources of natural gas are 5,000 billion cubic feet (Bcf).
Anticipated annual production in 1973-82 decade is 10 Bcf.
About 70 per cent of Ontario's natural gas output comes from Lake Erie.

ONTARIO CRUDE OIL PRODUCTION – (bbls)

Year	Annual	Cumulative	Year	Annual	Cumulative
(1863-85 production estimated)			1906	588,962	22,812,805
			1907	779,876	23,592,681
1863	114,000	114,000	1908	528,959	24,121,640
1864	148,000	262,000	1909	420,660	24,542,300
1865	182,000	444,000	1910	314,410	24,856,710
1866	216,000	660,000	1911	288,634	25,145,344
1867	250,000	910,000	1912	240,935	25,386,279
1868	284,000	1,194,000	1913	266,165	25,612,444
1869	318,000	1,512,000	1914	212,495	25,824,939
1870	357,100	1,869,100	1915	214,442	26,039,381
1871	364,247	2,233,347	1916	196,875	26,236,257
1872	371,394	2,604,741	1917	202,990	26,439,247
1873	378,541	2,983,282	1918	288,760	26,728,007
1874	385,688	3,368,970	1919	220,100	26,948,107
1875	392,835	3,761,805	1920	181,750	27,129,857
1876	399,982	4,161,787	1921	172,858	27,302,715
1877	407,129	4,568,916	1922	164,732	27,467,447
1878	414,276	4,983,192	1923	159,399	27,626,846
1879	421,423	5,404,615	1924	154,317	27,781,163
1880	428,571	5,833,186	1925	144,249	27,925,412
1881	457,100	6,290,286	1926	136,971	28,062,383
1882	485,710	6,775,996	1927	139,606	28,201,989
1883	514,286	7,290,282	1928	134,164	28,336,153
1884	548,571	7,838,853	1929	121,125	28,457,278
1885	585,710	8,424,563	1930	117,302	28,574,580
1886	614,280	9,038,843	1931	122,364	28,696,944
1887	620,000	9,658,843	1932	130,343	28,827,287
1888	725,000	10,383,843	1933	136,058	28,963,345
1889	710,000	11,093,843	1934	141,385	29,104,730
1890	750,000	11,843,843	1935	165,040	29,269,770
1891	775,000	12,618,843	1936	165,494	29,435,264
1892	765,000	13,383,842	1937	165,205	29,600,469
1893	800,000	14,183,843	1938	172,642	29,773,111
1894	825,000	15,008,843	1939	206,379	29,979,490
1895	835,000	15,843,843	1940	187,644	30,167,134
1896	780,000	16,623,843	1941	143,845	30,470,417
1897	750,000	17,373,843	1942	143,845	30,470,417
1898	770,000	18,143,843	1943	132,492	30,602,909
1899	685,000	18,828,843	1944	125,067	30,727,976
1900	675,000	19,503,843	1945	113,324	30,841,300
1901	625,000	20,128,843	1946	123,082	30,964,382
1902	530,000	20,658,843	1947	131,295	31,095,677
1903	475,000	21,133,843	1948	176,989	31,272,666
1904	485,000	21,618,843	1949	260,670	31,533,336
1905	605,000	22,223,843	1950	250,656	31,783,992

bbl = 35.0 Imperial gallons.

(Continued from previous page)

Year	Annual	Cumulative	Year	Annual	Cumulative
1951	197,171	31,981,163	1971	958,104	50,310,789
1952	191,813	32,172,976	1972	878,108	51,188,897
1953	299,685	32,472,661	1973	808,649	51,997,546
1954	412,474	32,885,135			
1955	525,509	33,410,644			
1956	593,370	34,004,014			
1957	623,666	34,627,680			
1958	778,341	35,406,021			
1959	1,001,580	36,407,601			
1960	1,005,030	37,412,631			
1961	1,149,087	38,561,718			
1962	1,134,534	39,696,252			
1963	1,205,376	40,901,628			
1964	1,246,682	42,148,310			
1965	1,279,162	43,427,472			
1966	1,323,781	44,751,253			
1967	1,240,298	45,991,551			
1968	1,150,779	47,142,330			
1969	1,161,889	48,304,219			
1970	1,048,466	49,352,685			

Proven resources of oil are 10.5 million barrels.
Potential resources of oil are 300 million barrels.
Anticipated annual production rate in 1973-82 decade is 900,000 barrels.

EMPLOYMENT IN ONTARIO MINING INDUSTRY

Year	Mines	Quarries	Clay Gravel Sand	Contractors and Diamond Drilling	Sub Total	Metal- lurgical	Total
1962	29,321	2,255	3,794	573	35,943	13,046	48,989
1963	27,686	2,339	3,957	576	34,558	11,654	46,212
1964	26,968	2,337	3,939	960	34,204	12,494	46,698
1965	26,840	2,361	4,089	1,031	34,321	13,865	48,186
1966	27,457	2,928	3,882	821	35,088	13,609	48,697
1967	28,468	2,646	3,831	818	35,762	13,799	49,561
1968	29,634	2,011	3,911	564	36,120	14,036	50,156
1969	29,014	2,101	3,884	1,141	36,140	13,766	49,906
1970	29,968	2,099	3,896	1,018	36,981	14,792	51,773
1971	29,300	2,295	3,083	669	35,347	14,497	49,754
1972	28,867	1,892	3,552	519	34,830	12,923	47,753

DIVISION OF MINES

MINERAL RESEARCH BRANCH

11th Floor, 77 Grenville St, Toronto. Telephone (416) 965-1337.

Branch Director	D.A. Moddle	11th F. . . 1337
Assistant Director	W. Taylor	11th F. . . 1337
Mineral Sciences Section	R. Laakso, Spvr	11th F. . . 1337
Chemical Analysis Section	Dr. A.E.J. Pitts, Spvr . . .	10th F. . . 1337
Spectroscopy Section	Dr. A. Tuemer, Spvr . . .	10th F. . . 1337
Physical Testing Section	J.B. Walsh, Spvr	10th F. . . 1337
Temiskaming Testing Laboratory Presley Street, Cobalt	D.L. Larabie, Act. Mgr. . .	(705) 679-8313

DIVISION OF MINES

MINES ENGINEERING BRANCH

Room W-1309, Main Office.

Telephone (416) 965-1328.

Branch Director	H.F.R. Davis	W-1309 . . 1328
Electrical Mechanical Section	C.M. Barrett, Chief	W-1309 . . 1328
Cable Testing Laboratory	K.J. Bee, Supt	W-B437 . . 1327
Mines Section	W.A. Hoffman, Chief	W-1309 . . 1328
Research and Advisory Engineer	W.V. McKnight	W-1309 . . 1328
Mine Rescue Training	G.G. McPhail, Insp	W-1309 . . 1328

MINE RESCUE TRAINING

Annual Summaries of Training and Equipment at Ontario Mine Rescue Stations

Numbers of	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974
Major Breathing App	300	311	311	328	328	328	328	328	328	328
Active Trainees	617	599	623	622	680	630	612	599	591	613
Trained Supervisors	207	240	221	190	211	267	232	239	194	222
* Apparatus Men, Res	54	74	80	177	243	304	297	297	298	297
§ Basic Certificates	172	127	250	219	174	219	148	152	137	158
§ Standard Seals	120	42	115	157	49	64	108	64	103	151
§ Advanced Seals	25	25	25	...	11	87	61	28	29	31
§ Supervisory Seals	23	...	13	11	47	9	33	4	18	12
Attending Mgt Course . . . . .	...	...	27	115	32	53	...	76	...	...
Central MR Stations	7	7	7	8	8	7	7	7	7	7
Sub-Stations	17	13	15	14	18	18	19	14	13	13

* Apparatus Men include hoistmen, cagers, mechanics and electricians (and some employees of Inco Iron Ore Recovery Plant) trained only in the wearing of breathing apparatus. Reserves take periodic refresher courses. § Numbers Issued.

ROPE TESTS — Annual counts of tests, grouped by industries

Year	Ontario Mines	Outside Mines	Other Industries	Manufacturers of Ropes	Specials	Total
1963	551	621	7	394	37	1,610
1964	367	694	7	309	223	1,600
1965	352	645	2	377	79	1,455
1966	330	695	6	417	40	1,488
1967	319	672	11	382	34	1,418
1968	300	634	40	308	34	1,316
1969	330	593	13	323	25	1,284
1970	342	555	7	371	48	1,323
1971	304	547	7	328	...	1,186
1972	250	482	17	241	20	1,010
1973	294	459	2	276	79	1,126

DIVISION OF FISH AND WILDLIFE

Room W-4501, Main Office.

Telephone (416) 965-4704.

Executive Director	K.K. Irizawa	W-4501 . . 4704
Administration	J. Rawston	W-4602 . . 7641

WILDLIFE BRANCH

Room W-4613, Main Office.

Telephone (416) 965-4251.

Branch Director	D.R. Johnston	W-4613 . 4251
Wildlife Management Section	L.J. Post, Spvr.	W-4163 . 4251
Moose and Caribou	(vacant)	
Deer	J.R. Ludwig	W-4615B . 4251
Waterfowl	R.M. Alison	W-4615A . 4251
Mammalogist	(vacant)	
Wildlife Planning Section	A.M. Houser, Spvr.	W-4615 . 4251
Biometrician	J.M. Barbowski	W-4604 . 7054
Environmental Projects Planner	Miss L. Whistance-Smith	W-4607A . 4251
Land Use Planner	(vacant)	
Statistician	V.E. Earle	W-4505 . 7054
Extension, Interpretation and Information Section	L.H. Mayeda, Spvr.	W-4617 . 4251
Habitat Ecologist	D.L. Euler	W-4608 . 4251
Interpretation Biologist	G.B. McKeating	W-4614 . 4251
Field Services Section	J.A. Shannon, Spvr.	W-4609 . 4251

HUNTING STATISTICS — Estimates compiled from hunters surveyed by mail

Comparison between hunter numbers and licence sales (see Page 38) gives an estimate of the number of licence holders who did not hunt.

MOOSE		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	46,540	.....	8,520	14,740	.....	3,830	61,280	.....	12,350
1970	51,240	426,000	9,400	10,090	77,300	3,070	61,330	503,300	12,470
1971	52,180	457,500	9,060	11,020	81,000	3,720	63,200	538,500	12,780
1972	60,620	517,000	10,320	12,490	91,500	3,470	73,110	608,500	13,790
1973	74,240	637,800	9,770	16,990	130,100	3,800	91,230	767,900	13,570

DEER		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	86,490	.....	16,640	5,230	.....	1,470	91,720	.....	18,110
1970	80,220	473,500	15,430	3,870	22,200	880	84,090	495,700	16,310
1971	77,600	462,500	17,980	4,600	26,700	1,450	82,200	489,200	19,430
1972	81,800	489,000	16,070	4,800	26,500	*1,630	86,600	515,500	*17,700
1973	82,390	462,300	15,140	4,930	27,900	*1,530	87,320	490,200	*16,670

BEAR*** RESIDENT			NON-RESIDENT			TOTALS			
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1971	1,030	6,800	.....	9,010	48,400	.....	10,040	55,200	.....
1972	1,120	7,400	6,330	9,300	49,500	2,620	10,420	56,900	8,950

SMALL GAME**					SUMMER HUNTING		
RESIDENT			NON-RESIDENT		RESIDENT		
Year	Hunters	Hunter Days	Hunters	Hunter Days	Year	Hunters	Hunter Days
1970	263,700	4,464,000	.....	.....	1972	18,720	369,500
1971	267,870	3,842,500	8,450	80,000			
1972	236,460	3,647,000	.....	.....	

*Includes deer harvested on moose licences.

**Includes Waterfowl.

*** Estimates of number of hunters and hunter-days are based on bear licences only.

Harvest includes bear harvested on moose-bear, deer-bear and moose licences.

EXPENDITURE BY HUNTERS — (Excluding licence fees)

Survey Year*	HUNT	Estimates Compiled from Hunters Surveyed by Mail		
		Resident	Non-Resident	Total
1970-1 . . .	Small Game	\$29,751,000	\$ 2,180,000	\$31,931,000
1972	Summer	3,013,000	.....	3,013,000
1972-3 . . .	Deer	9,432,000	1,243,000	10,675,000
1972-3 . . .	Moose	13,791,000	6,070,000	19,861,000
1972-3 . . .	Bear	199,000	2,077,000	2,276,000
Total		56,186,000	11,570,000	67,756,000

*Hunting Year: September 1 to August 31.

WOLF BOUNTIES PAID

in years ending March 31 Under The Wolf and Bear
Bounty Act, Repealed on December 15, 1972

Year	Timber	Brush	Pups	Total	Paid
1963	1,276	691	64	2,031	\$22,664
1964	1,342	862	61	2,265	44,999
1965	1,638	1,052	63	2,753	59,997
1966	1,593	1,195	44	2,832	59,937
1967	1,578	1,277	45	2,900	59,084
1968	1,674	1,342	81	3,067	61,996
1969	1,370	1,542	51	2,963	62,025
1970	1,255	2,047	43	3,345	69,996
1971	1,469	2,061	49	3,579	67,984
1972	1,156	2,099	53	3,308	58,072
1973	561	940	25	1,526	26,751

LAW ENFORCEMENT

Seizures and Convictions
In years ending March 31

Year	Seizures	Convct
1964	2,508	2,276
1965	2,216	2,236
1966	2,581	2,347
1967	2,942	2,626
1968	3,404	3,239
1969	3,557	3,489
1970	5,127	4,648
1971	4,253	4,402
1972	4,296	5,002
1973	5,037	5,103
1974	5,056	**4,491

**Incomplete.

LAND ACQUISITIONS
FOR WILDLIFE MANAGEMENT

in years ending March 31

Year	Acres	Cost
1964	1,876	\$
1965	1,900	.....
1966	2,203	.....
1967	3,461	.....
1968	1,876	107,177
1969	3,328	401,057
1970	6,557	270,368
1971	3,091	507,914
1972	4,620	903,259
1973	4,568	864,198

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR		SMALL GAME		TOTAL OF LICENCES		
	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Total
1953	92,785	8,300	5,196	637	.....	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	.....	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	.....	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	.....	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	.....	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	.....	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	.....	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	.....	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	.....	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	*14,585	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924

*Includes spring and fall hunting.

PROVINCIAL WILDLIFE AREAS

- Brighton Provincial Wildlife Area
- Bruce Recreation Area
- Camden Lake Wildlife Management Area
- Darlington Provincial Park
- Fingal Provincial Wildlife Area
- Gananoque Provincial Wildlife Area
- Holiday Beach Provincial Park
- Holland Marsh Provincial Wildlife Area
- Hullett Provincial Wildlife Area
- Kolapore Uplands Recreation Area
- Long Point Provincial Wildlife Area
- Luther Marsh Wildlife Area
- MacGregor Point Provincial Wildlife Area
- Nonquon Provincial Wildlife Area
- Presqu'ile Provincial Park
- Puslinch Provincial Wildlife Area
- Rankin Wildlife Management Area
- Rondeau Provincial Park
- St. Edmunds Provincial Wildlife Area
- Scugog Island
- Sibbald Point Provincial Park
- Tiny Marsh Provincial Wildlife Area
- Winchester Provincial Wildlife Area
- Wye Marsh Provincial Wildlife Area

(Total: 24 Areas)

WILDLIFE EXTENSION LANDOWNER AGREEMENT AREAS

Area	Acres
Ancaster Township	6,000
Aylmer Ponds	106
Calton Swamp	60
Mud Lake	150
Nassagaweya Township	4,400
Orangeville Reservoir	780
Reach Township	6,000
Valens	550
Waterford Lakes	350
Willoughby Swamp	560
Total, 10 Areas	18,956

DIVISION OF FISH AND WILDLIFE

FISH AND WILDLIFE RESEARCH BRANCH

P.O. Box 50, Maple, Ontario L0J 1E0. Telephone (416) 832-2261

Branch Director	J.D. Roseborough	Extension 271
Wildlife Section	C.D. MacInnes, Spvr	Extension 271
Big Game, Moose	(vacant)	Extension 271
Big Game, Deer	R.L. Hepburn	Extension 271
Big Game, Behaviour	A.B. Bubenik	Extension 271
Rabies	D.H. Johnston	Extension 271
Predators	G.B. Kolenosky	Extension 271
Upland Game and Waterfowl	H.G. Lumsden	Extension 271
Wildlife Diseases	E.M. Addison	Extension 271
Furbearers	A.B. Stephenson	Extension 271
Fisheries Section	A.H. Lawrie, Spvr	Extension 261
Brook Trout	J.M. Fraser	Extension 263
Lake Trout	N.V. Martin	Extension 243
Smallmouth Bass	J.A. MacLean	Extension 271
Limnology	A.M. McCombie	Extension 255
Parasitology	A. Dechtiarenko	Extension 267
Systems Ecology	S. Kerr	Extension 251
Selective Breeding	A.H. Berst	Extension 252
	P. Ihssen	Extension 252
Oligotrophic Lakes	(vacant)	

RESEARCH STATIONS

Lake Erie Unit		
R.R. 1, Wheatley, Ont NOP 2P0	S.J. Nepszy	(519) 825-4171
Lake Ontario Unit (Glenora FRS)		
R.R. 4, Picton, Ont K0K 2T0	W.J. Christie	(613) 476-2400
Lake Huron Unit		
R.R. 1, Tehkummah, Ont	G.R. Spangler	(705) 859-3137
Lake Superior Unit		
8 Albert St East, S.S. Marie, Ont	T.W. Kwain	(705) 949-1026
Box 89, Thunder Bay 'P', Ont.		
Productivity Unit	R.A. Ryder	(807) 767-5511
Walleye Unit	P.J. Colby	(807) 767-5511
Harkness Memorial Lab. (Algonquin)		
Whitney, Ontario	D. Cucin	(705) 637-2103
Wildlife Research Station		
Box 1507, Huntsville, Ont.		(705) 633-5621

DIVISION OF FISH AND WILDLIFE

SPORT FISHERIES BRANCH

Room W-4625, Main Office.

Telephone (416) 965-7887

Branch Director	K.H. Loftus	W-4625 . . 7887
Fish Culture Section	G.C. Armstrong, Spvr. . .	W-4628 . . 7887
Hatchery Production	D.C. Sinclair	W-4631 . . 7887
Hatchery Data Systems	Mrs. L.I. Balmer	W-4631 . . 7887
Fisheries Services Section	J.C. Weir, Spvr.	W-4620A . 7887
Data Systems Analysis	M.W. Neal	W-4631A . 7887
Fisheries Information	C.E. Monk	W-4621 . . 7887
Planning Section	F.P. Maher, Spvr.	W-4618 . . 7887
Supply Planning	E.T. Cox	W-4619B . 7887
Demand Planning	P. Smith	W-4619A . 7887
Environmental Dynamics Section	Dr. D.P. Dodge, Spvr. . .	W-4624A . 7887
Habitat Maintenance	Dr. J.T. Allin	W-4622 . . 7887
Habitat Enhancement	R.M. Biette	W-4622A . 7887
Inventory Co-Ordination	D.G. Waldriff	W-4624 . . 7887
Inventory Support Services	G.A. Goodchild	W-4632 . . 7887
Population Dynamics Section	K.H. Loftus, A/Spvr. . .	W-4625 . . 7887
Salmonid Biologist	C.H. Olver	W-4632A . 7887

FISH DISTRIBUTION — from Ontario Fish Culture Stations in 1973 (e—eggs)

TOTAL WEIGHT IN PARENTHESES (Pounds)

Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
				Splake	Coho
Chatsworth . .	41,029 (10,662)	47,702 (2,061)	..... .....	411,598 (33,503)	271,590 (11,989)
Codrington . .	23,257 (8,455)	..... .....	4,399 (678)	.....	.....
Deer Lake . .	7,168 (2,560)	..... .....	25,000 (499)	.....	Maskinonge 599,900 (754)
Dorion	491,950 (12,378)	296,250 (4,667)	34,650 (378)	..... .....	..... .....
Hill Lake	660,000e 236,971 (12,547)	..... 110,000 (1,189)	..... ..... .....	..... ..... .....	..... ..... .....
Normandale . .	..... ..... .....	..... ..... .....	1,290,000e 354,040 (40,239)	..... ..... .....	..... ..... .....
North Bay . . .	31,000 (2,754)	83,500 (2,960)	89,750 (1,905)	..... .....	..... .....
Pembroke . . .	88,025 (10,269)	62,500 (3,336)	..... .....	Splake 9,833 (564)	..... .....
Sandfield	132,260 (11,673)	..... .....	..... .....	Smallmouth Bass 143,000 (443)	Maskinonge 46 (23)
Skeleton Lake .	81,000 (3,442)	108,000 (6,564)	47,000 (1,337)	Smallmouth Bass 33,500 (210)	..... .....
Tarentorus . .	159,550 (16,988)	448,415 (8,197)	98,400 (2,031)	Splake 65,788 (1,015)	..... .....

(Continued from previous page)

Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
				Smallmouth Bass	Largemouth Bass
Westport	26,656 (5,148)	44,000 (1,092)	5,700 (498)	47,500 (103)	59,200 (99)
					Yellow Pickerel 8,200,000e
				Smallmouth Bass	Yellow Pickerel
White Lake . .	..... 119,100 (11,997)	..... 134,300 (3,075)	..... 51,650 (2,221)	..... 15,000 (27)	2,500,000e

ANGLING LICENCES

Year	No. Sold to Non-Residents
1963	478,736
1964	495,135
1965	533,154
1966	571,453
1967	578,811
1968	615,611
1969	630,375
1970	605,320
1971	652,335
1972	680,152
1973	701,595

FISH PLANTINGS — Number of Fish Culture Station Fish Planted in 000s

KEY . . . EE-Eyed Eggs. Fy- Fry. Fg- Fingerlings. Yg- Yearlings. II- Two-year-olds. Ax- Adults.

Species and Size	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Bass, Largemouth Fy	45	112	81	42	68	60	9	...	...	66	...
Fg	93	91	108	147	75	50	56	22	...	79	59
Yg	...	...	...	...	...	2	...	...	...	...	...
Bass, Smallmouth Fy	134	52	58	36	98	38	86	99	127	...	93
Fg	288	239	231	216	212	91	114	29	9	117	147
Herring EE	...	...	...	1,150	7,030	...	...	...	...	...	...
Fy	...	...	...	...	2,000	...	...	...	...	...	...
Maskinonge Fy	1,870	1,530	1,850	1,303	2,650	2,400	2,958	2,700	1,865	2,668	561
Fg	27	26	25	...	12	27	33	27	22	15	39
Pickrel, Yellow EE	7,200	14,000	15,600	10,000	13,055	6,240	10,750	12,700	11,200	3,000	10,700
Fy	11,440	1,353	...	8,232	28,000	189	1,300	31	32	...	...
Fg	217	...	56	...	42	5	14	...	...	48	...
Splake EE	...	...	...	...	20	...	...	...	...	...	...
Fy	...	...	...	...	...	...	...	...	...	93	...
Fg	...	...	...	...	1	2	...	...	181	...	235
Yg	114	88	21	69	119	36	64	257	320	236	250
II	2	12	16	...	10	...	...	...	...	1	...
Ax	...	...	...	...	...	1	1	1	...	34	2
Salmon, Chinook Fg	...	...	...	...	...	...	...	...	89	190	...
Salmon, Coho Yg	...	...	...	...	...	...	157	178	187	122	218
Salmon, Kokanee EE	...	...	683	923	310	...	...	...	...	...	...
Fy	...	...	1,609	943	385	413	572	5,316	3,464	700	...
Fg	...	...	288	...	211	59	63	95	112	623	...

(Continued from previous page)

Species and Size	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Trout, Brook	EE 575 Fy . . . Fg 392 Yg 1,883 II,Ax 73	400 8 506 1,726 112	674 . . . 600 1,819 69	. . . . . . 480 1,599 29	2,741 . . . 1,125 1,654 93	. . . . . . 524 1,149 40	2,150 . . . 524 1,345 37	311 . . . 919 1,415 39	. . . . . . 446 1,157 39	. . . 15 389 1,770 27	660 . . . 441 960 37
Trout, Lake	EE . . . Fy . . . Fg 186 Yg 950 II,Ax 6	20 . . . 1 982 1	. . . . . . 225 827 9	. . . 12 395 1,336 . . .	50 . . . 328 1,292 13	. . . 20 191 1,352 12	. . . . . . . . . 1,133 15	. . . . . . 123 1,239 2	. . . . . . 94 1,326 12	. . . . . . 15 1,295 12	. . . . . . . . . 1,283 51
Trout, Rainbow	Egg . . . EE . . . Fy . . . Fg 3 Yg 173 II,Ax 11	. . . . . . . . . 141 319 15	. . . . . . 65 12 269 63	. . . 100 . . . 31 126 10	45 631 6 88 148 43	200 333 . . . 68 361 23	. . . 20 86 44 435 20	. . . . . . 5 41 179 22	. . . 80 273 191 555 43	. . . 150 . . . 170 425 27	. . . 1,290 151 30 527 3
Miscellaneous	Egg . . . EE . . . Fy 46,351 Fg . . . Yg 5 Ax . . .	. . . . . . 27,105 . . . 5 . . .	. . . . . . 24,030 4 4 . . .	. . . . . . 19,845 . . . . . . . . .	. . . 300 240 . . . 13 4	. . . . . . . . . . . . . . .	. . . . . . . . . 3 15 . . .	. . . . . . 6 . . . . . . . . .	. . . . . . . . . . . . . . . . . .	. . . . . . . . . . . . . . . . . .	. . . . . . . . . . . . . . . . . .
YEARLY TOTALS	72,038	48,844	49,296	47,024	63,112	13,886	22,004	25,756	21,824	12,287	17,737

DIVISION OF FISH AND WILDLIFE

COMMERCIAL FISH AND FUR BRANCH

Room W-3411, Main Office. Telephone (416) 965-3345.

Branch Director	M.J. Brubacher	W-3411 . .	3345
Commercial Fish Section	J.W. Rousom, Spvr.	W-3409 . .	3345
Commercial Fish Quotas	G.F. Adams	W-3412 . .	3345
Commercial Fish Management	Mrs. D.P. Kolenosky	W-3410 . .	3345
Fur Section	D.A. Hagan, Spvr.	W-3406 . .	3345
Fed-Prov Resource Management	W.C. Currie, Spvr.	W-3405 . .	3345

FUR HARVESTS — in years ending June 30

Average Pelt Value, 1973		Totals from Sealing Officers' Reports and Fur Dealers' Returns						
		1967	1968	1969	1970	1971	1972	1973
\$21.51	Beaver . . .	143,776	160,278	164,888	158,628	127,913	145,290	181,468
11.72	Mink . . .	23,964	21,272	28,464	28,200	18,152	17,871	20,724
11.56	Marten . . .	26,591	13,977	30,699	24,931	20,687	25,566	27,649
47.04	Otter . . .	6,928	7,204	7,638	7,421	6,589	6,700	9,027
26.81	Fisher . . .	3,016	2,189	3,536	3,165	2,559	3,686	4,399
80.82	Lynx . . .	1,167	912	1,406	1,990	1,903	2,474	5,137
46.52	Bobcat . . .	.....	.....	.....	.....	.....	10	41
2.78	Muskrat . .	359,142	369,848	539,034	347,308	286,207	301,357	385,241
10.14	Raccoon . .	11,797	14,970	19,695	15,198	13,000	29,361	29,722
0.83	Squirrel . .	7,490	17,758	15,948	6,796	6,957	3,795	2,748
0.45	Weasel . . .	7,721	5,791	11,357	4,678	3,799	2,827	5,362
28.29	Col'drd Fox	4,581	3,672	6,258	5,132	4,609	8,702	8,127
31.48	Arctic Fox	26	231	77	59	102	323	23
20.56	Timb. Wolf	576	1,045	1,093	1,027	883	1,154	839
20.56	Coyote . . .	.....	.....	.....	.....	.....	199	397
20.56	Black Bear	128	103	148	115	59	226	322
82.50	Wolverine	2	3	0	1	2	1	1
.....	Skunk . . .	.....	.....	.....	.....	95	2	3
.....	Gray Fox . .	.....	.....	.....	.....	.....	.....	.....
500.00	Polar Bear .	.....	.....	.....	.....	11	18	12
TOTAL PELTS . .		596,905	619,243	830,241	604,649	493,527	549,565	681,242
TOTAL VALUE. \$		3,708,308		3,727,960		4,234,962		
		\$2,974,869		5,201,675		2,883,164		7,230,167
TRAPPER LICENCES	Patricia . . .	1,456 @ \$1 = \$1,456		Helper		950 @ \$1 = \$ 950		
	Resident . .	5,258 @ \$5 = 26,290		Farmer, Indian Res . .		694 @ 00 = . . .		
	Registered .	2,444 @ \$5 = 12,220		TOTALS		10,802 \$40,916		

PELTS — EXPORTED OR TANNED — in year ending June 30, 1973

Pelt	Quantity	Royalty	Value
Beaver	202,123	\$202,123.00	\$4,347,665
Fisher	5,657	5,657.00	151,664
White Fox	44	33.00	1,385
Lynx	5,585	838.00	451,379
Marten	37,278	18,639.00	430,933
Mink	21,804	21,804.00	255,542
Muskrat	427,084	21,354.20	1,187,293
Otter	10,017	12,521.25	471,199
Weasel	5,884	294.20	2,647
Wolverine	2	.80	165
Totals	715,478	283,264.45	7,299,878

ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Species	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	Value 1973
Bowfin	55	33	20	24	19	26	27	39	22	31	51	2
Bullhead	740	513	451	348	342	395	473	378	362	344	449	116
Burbot (Ling)	615	600	404	343	487	382	416	396	246	311	321	4
Carp	1,323	938	872	937	928	987	1,046	702	770	748	725	103
Catfish	300	287	243	273	250	255	220	104	156	156	180	62
Caviar	1	2	2	1	(Caviar included with Sturgeon from 1967)							.....
Chub (Deepwater Cisco)	2,329	2,035	1,892	1,265	1,165	681	461	282	802	719	944	327
Eel	175	250	194	150	141	181	175	151	173	279	198	53
Freshwater Drum (Sheepshead)	1,503	831	990	1,058	666	802	451	310	103	292	543	17
Goldeye	20	28	19	7	11	2	.....	1	1	.....	.....	.....
Lake Herring (Cisco)	2,374	1,993	1,603	1,184	1,935	2,985	2,780	3,060	2,794	2,786	2,447	377
Lake Trout	254	224	178	174	302	301	282	199	188	165	209	113
Lake Whitefish	3,357	3,229	3,236	2,812	2,625	2,906	2,957	2,870	2,312	2,200	1,984	865
Northern Pike	990	1,134	1,099	1,005	952	956	871	752	558	525	647	127
Rock Bass and Crappie	177	206	209	271	249	276	186	193	199	130	137	41
Round Whitefish (Menominee)	20	70	66	58	41	56	57	37	52	67	56	11
Sauger	136	141	76	59	82	70	51	57	31	19	28	9
Smelt	10,705	12,887	11,917	16,056	12,660	12,490	15,226	9,572	13,551	11,051	17,557	1,003
Sturgeon	132	98	94	86	76	79	90	47	42	29	38	54
Sucker (Mullet)	1,650	1,451	1,102	1,306	1,297	1,278	1,274	1,079	797	975	1,085	28
Sunfish	358	358	249	253	359	400	413	280	299	290	360	62
White Bass	1,991	1,836	2,733	1,806	855	819	925	210	114	1,769	1,512	304
White Perch	53	272	589	174	181	231	252	452	641	292	299	28
Yellow Perch	18,672	9,363	19,465	21,151	22,731	24,969	30,506	21,320	15,277	16,836	19,075	5,834
Yellow Pickerel (Walleye)	5,107	3,678	3,241	3,987	3,238	2,765	2,050	1,406	1,154	1,019	1,391	800
Animal Food (Unclassified)	1,305	1,053	1,545	1,556	1,313	1,413	2,014	2,184	2,148	2,163	2,817	36
Total Landings (000s lbs)	54,342	43,510	52,489	56,344	52,905	55,705	63,203	46,081	42,792	43,196	53,053	
Total Landed Value (\$000s)	5,504	5,230	6,404	5,995	5,927	5,968	7,378	6,531	6,951	8,118		10,376

ONTARIO COMMERCIAL FISH HARVEST — by Waters in 000s lbs and \$000s

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Total Value \$
1963	2,046	35,301	1,043	2,948	555	172	2,973	8,440	863	54,342	5,504
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376

LAKE ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Eel	Lake Herring	Smelt	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value \$
1963	229	417	169	38	171	175	53	90	704	2,046	348
1964	167	270	246	38	128	192	272	235	467	2,015	285
1965	150	314	189	23	202	151	586	409	623	2,647	353
1966	123	302	143	36	141	126	172	154	428	1,625	220
1967	127	392	136	59	155	161	179	287	336	1,832	243
1968	169	412	173	40	168	186	223	304	334	2,009	284
1969	240	541	169	40	146	160	250	439	285	2,270	330
1970	270	493	146	25	165	169	447	985	205	2,905	429
1971	244	441	168	23	202	150	635	890	153	2,906	447
1972	204	443	271	15	216	161	283	809	145	2,547	454
1973	257	413	188	17	99	208	287	757	130	2,356	466

LAKE ERIE COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Freshwater Drum	Smelt	White Bass	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1963	219	195	1,412	10,524	1,855	17,963	1,875	1,258	35,301	2,530
1964	205	187	752	12,735	1,723	8,351	599	829	25,381	2,377
1965	140	152	898	11,711	2,611	18,603	346	635	35,096	3,319
1966	167	90	940	15,914	1,757	20,698	991	869	41,426	3,105
1967	140	51	494	12,501	822	22,087	747	928	37,770	3,339
1968	107	93	651	12,223	751	24,435	328	827	39,415	2,974
1969	121	190	339	15,076	875	29,802	193	1,430	48,026	4,244
1970	91	30	259	9,402	195	19,999	26	1,753	31,755	3,770
1971	136	53	93	13,130	92	13,918	30	1,624	29,076	4,255
1972	124	63	272	10,519	1,756	15,593	51	1,804	30,182	5,375
1973	182	60	508	17,062	1,497	18,035	65	2,420	39,829	7,038

LAKE HURON COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1963	22	1,669	8	269	2	77	539	225	137	2,948	651
1964	17	1,442	9	320	5	98	602	286	239	3,018	711
1965	21	1,083	13	407	9	61	167	245	280	2,286	627
1966	43	653	4	348	13	96	152	218	431	1,958	466
1967	66	527	5	381	19	141	149	185	271	1,744	464
1968	58	263	5	356	16	121	71	325	239	1,454	509
1969	67	86	2	493	22	95	141	194	336	1,436	511
1970	21	53	2	607	10	61	245	21	232	1,252	437
1971	38	66	4	553	21	58	261	10	295	1,306	424
1972	25	110	3	472	30	93	148	2	189	1,072	374
1973	55	106	6	374	13	89	123	121	233	1,120	423

GEORGIAN BAY COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1963	66	104	1	207	...	23	4	99	51	555	\$ 164
1964	24	121	2	232	6	77	78	93	102	735	190
1965	10	409	2	171	30	42	101	72	156	993	234
1966	21	286	3	157	30	68	63	41	82	751	171
1967	38	227	5	148	13	49	97	61	77	715	167
1968	21	180	17	286	14	34	38	61	77	728	222
1969	27	156	11	196	4	41	21	74	51	581	184
1970	6	127	11	207	2	41	25	52	27	498	176
1971	2	613	20	183	10	40	75	71	55	1,069	330
1972	23	516	36	172	18	42	54	56	42	959	320
1973	28	622	58	140	18	72	30	48	53	1,069	377

NORTH CHANNEL COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Lake Whitefish	Northern Pike	Round Whitefish	Sturgeon	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1963	34	34	6	11	35	19	29	4	172	\$ 49
1964	93	25	4	9	36	29	15	3	214	64
1965	37	19	10	11	46	88	13	65	289	61
1966	75	20	4	16	40	16	19	19	209	74
1967	79	25	3	13	38	8	21	20	207	70
1968	99	16	5	14	55	14	17	27	247	85
1969	160	11	7	11	47	9	19	49	313	125
1970	176	21	3	11	73	7	35	49	375	124
1971	226	16	5	7	54	15	16	43	382	138
1972	190	30	10	6	57	14	19	41	367	141
1973	176	15	9	8	57	12	26	47	350	150

LAKE SUPERIOR COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Chub	Lake Herring	Lake Trout	Lake Whitefish	Smelt	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1963	81	2,319	112	161	4	25	16	167	88	2,973	\$ 271
1964	42	1,935	106	133	20	64	27	216	139	2,682	249
1965	63	1,553	102	135	1	23	22	291	80	2,270	283
1966	12	1,135	108	134	...	29	9	377	42	1,846	327
1967	8	1,854	202	150	...	30	8	274	42	2,568	351
1968	5	2,649	193	212	98	29	10	119	50	3,365	403
1969	8	2,396	202	211	...	53	8	24	49	2,951	403
1970	4	2,902	168	206	...	48	8	9	37	3,382	428
1971	52	2,577	150	253	217	67	20	4	27	3,367	447
1972	43	2,565	127	311	310	132	138	2	28	3,656	577
1973	149	2,235	180	348	390	140	64	1	30	3,537	706

NORTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Burbot	Chub	Lake Herring	Lake Trout	Lake Whitefish	Northern Pike	Sucker (Mullet)	Yellow Pickerel	Other Species	Total	Total Value
1963	606	475	7	140	2,320	887	1,211	2,315	479	8,440	\$ 1,170
1964	589	430	7	117	2,324	1,033	931	2,047	460	7,938	1,047
1965	396	336	11	74	2,378	1,029	772	1,954	634	7,584	1,230
1966	339	315	6	66	1,976	935	889	2,048	436	7,010	1,314
1967	432	402	11	98	1,785	863	839	1,739	456	6,625	1,002
1968	369	232	271	103	1,861	863	856	1,666	590	6,811	1,136
1969	413	211	298	80	1,805	787	876	1,200	407	6,077	1,149
1970	381	98	114	31	1,619	695	755	1,211	487	5,391	1,066
1971	237	65	159	37	1,079	506	540	1,016	425	4,064	837
1972	296	47	162	37	1,031	468	571	885	385	3,882	797
1973	306	61	125	28	928	592	671	1,125	431	4,267	1,121

Year	Bullhead and Catfish	Carp	Lake Whitefish	Rock Bass & Crappie	Sucker (Mullet)	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value \$
1963	304	337	...	6	71	96	...	8	41	863	102
1964	190	227	...	10	29	85	...	10	31	582	73
1965	185	119	...	8	19	45	3	14	45	438	61
1966	192	150	60	11	33	83	2	5	45	581	80
1967	183	166	34	10	18	121	1	7	94	634	92
1968	210	109	14	16	21	108	8	5	63	554	83
1969	216	132	9	28	21	110	1	14	98	629	101
1970	89	139	5	21	33	79	5	32	33	436	60
1971	104	228	1	18	16	65	6	93	91	622	74
1972	134	188	2	14	10	70	9	71	34	532	81
1973	141	166	1	20	17	88	12	45	34	524	94

EMPLOYMENT AND INVESTMENT IN ONTARIO COMMERCIAL FISHERY

Year	Men	Boats 40' and Over	Boats Under 40'	Gill Nets 000s yds	Pound Nets	Trap Nets	Hoop Nets	Seine Nets 00s yds	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Investment \$000s	Total Value \$000s
1963	3,271	224	1,718	9,200	745	694	1,943	158	511	439	747	\$ 96	10,360
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131

ONTARIO COMMERCIAL FISH HARVEST, 1973 — by Species and Waters

Species	Lake Ontario	Lake Erie	Lake Huron	Georgian Bay
Bowfin	3,900	45,101	.....	.....
Bullhead	233,192	69,475	75	.....
Burbot (Ling) . . . . .	.....	.....	.....	1,417
Carp	412,821	59,952	54,996	28,083
Catfish	23,918	112,759	33,831	2,090
Chub (Deepwater Cisco) . . . . .	.....	.....	106,289	621,782
Eel	188,314	1,494	31	.....
Freshwater Drum (Sheepshead)	5,983	507,853	27,201	.....
Lake Herring (Cisco)	16,632	.....	5,759	58,175
Lake Trout	103	.....	201	169
Lake Whitefish	15,388	1,527	373,829	140,001
Northern Pike	10,820	13,006	345	11,253
Rock Bass and Crappie	44,160	45,602	166	240
Round Whitefish (Menominee) . . . . .	.....	.....	13,493	18,380
Sauger	93	.....	.....	.....
Smelt	99,253	17,062,201	679	4,406
Sturgeon	811	308	6,603	821
Sucker (Mullet)	17,607	21,489	88,662	72,003
Sunfish	208,292	64,228	.....	.....
White Bass	5,955	1,496,885	6,450	12
White Perch	287,379	.....	.....	.....
Yellow Perch	756,944	18,035,184	122,784	30,023
Yellow Pickerel (Walleye)	3,769	65,472	121,287	48,170
Animal Food (unclassified)	20,250	2,226,610	157,702	32,133
Total Landings (lbs)	2,355,584	39,829,146	1,120,383	1,069,158
Total Landed Value (\$)	466,304	7,038,437	423,060	376,563

COMMERCIAL FISHING LICENCES

Year	Food-Fish Harvesting	Bait-Fish Harvesting	Bait-Fish Dealers	Bait-Fish Preservers	Total
1963	1,862	2,125	591	101	4,679
1964	1,900	2,114	651	121	4,786
1965	1,881	2,028	613	125	4,647
1966	1,822	1,977	1,396	121	5,316
1967	1,747	1,807	1,729	124	5,407
1968	1,689	1,859	1,808	116	5,472
1969	1,609	1,908	1,861	126	5,504
1970	1,560	1,993	1,895	129	5,577
1971	1,267	1,607	1,813	126	4,813
1972	1,204	1,612	1,876	120	4,812
1973	1,149	1,611	1,868	111	4,739

ONTARIO COMMERCIAL FISH HARVEST, 1973 — by Species and Waters

North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total Landings (lbs)	Total Landed Value
.....	.....	.....	2,450	51,458	\$ 2,054
1,001	.....	11,371	133,966	449,080	115,660
4,648	4,593	306,345	3,730	320,733	3,870
2,918	477	12	165,518	724,777	102,781
.....	.....	.....	7,086	179,684	61,758
5,040	149,055	61,370	.....	943,536	326,970
.....	.....	.....	8,226	198,065	53,255
.....	.....	.....	1,971	543,008	16,980
6,541	2,235,003	124,537	.....	2,446,647	376,641
10	180,229	28,400	.....	209,112	113,424
176,026	348,233	927,735	1,473	1,984,212	865,207
14,668	1,780	592,205	3,408	647,485	127,445
1,002	.....	25,861	20,166	137,197	40,722
8,635	12,780	2,228	.....	55,516	11,368
.....	6	28,160	.....	28,260	9,353
140	390,253	.....	.....	17,556,932	1,002,695
7,692	383	21,574	.....	38,192	53,821
57,199	140,136	670,968	16,659	1,084,723	28,486
.....	.....	.....	87,708	360,228	61,719
.....	.....	.....	2,864	1,512,166	303,649
.....	.....	.....	11,618	298,997	27,913
11,645	63,950	8,487	45,494	19,074,511	5,833,684
25,591	1,268	1,125,147	.....	1,390,704	799,872
27,664	8,786	332,691	11,909	2,817,737	36,749
350,420	3,536,932	4,267,091	524,246	53,052,960	.....
150,050	706,445	1,120,962	94,256	.....	10,376,076

DIVISION OF PARKS

Room W-3328, Main Office.

Telephone (416) 965-2745

Executive Director	J.W. Keenan	W-3328 . .	2745
Specialist Consultant	R.W. Hummel	W-3328 . .	2745
Admin Officer	P.S. King	W-3320 . .	2745
CORTS, 481 University Ave. Toronto . .	J.W. Keenan, Ont Co-Chairman		2745
Secretary to Executive Director	Ms. H. Marple	W-3328 . .	2745

PARK MANAGEMENT BRANCH

Room W-3324, Main Office.

Telephone (416) 965-2745.

Branch Director	R.H. Hambly	W-3324 . .	2745
Secretary	Mrs. E. Metcalfe	W-3324 . .	2745
Operations	W. Robertson, Spvr	W-3330 . .	2745
Information Officer	D. Helliwell	W-3323 . .	2745
Sanitation	S.C. Cowan, Spvr	W-3317 . .	2745
Development	G.A. Ashenden, Spvr	W-3321 . .	2745
Development Officer	B. Kozel	W-3331 . .	2745
Interpretation	C.R. Tilt, Spvr	W-3335 . .	2745
Interpretive Planner	K. Vogan	W-3335 . .	2745
Interpretive Designer	M. Medved	W-3322 . .	2745
Bronte Creek Project Co-Ordinator	I.C. Johnson	W-3322 . .	2745

PUBLIC USE OF PROVINCIAL PARKS

Year	Vehicle Entries	Interior Campers	Campers	Average Days	Camper Days	Total of Visitors
1963	2,372,223	49,372	840,491	2.8	2,353,375	8,526,443
1964	2,537,483	49,112	916,281	2.7	2,495,556	9,147,218
1965	2,437,988	53,653	902,472	2.8	2,495,284	8,875,668
1966	2,738,664	52,722	994,787	2.7	2,653,055	9,791,671
1967	2,817,362	49,957	1,155,091	2.4	2,805,143	10,192,533
1968	2,588,242	59,377	1,119,912	2.2	2,457,801	9,440,211
1969	2,946,228	51,522	1,360,639	2.2	2,956,214	10,459,936
1970	3,468,758	63,434	1,531,528	2.2	3,524,322	12,172,254
1971	3,903,368	77,100	1,618,948	2.3	3,788,525	13,658,619
1972	3,652,935	82,558	1,498,479	2.2	3,291,559	12,320,794
1973	3,585,161	99,366	1,600,817	2.2	3,547,215	12,136,909

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Self-guiding Trails	Conducted Hikes	Evening Programs	Special Groups	Total
1963	11	371,275	61,647	10,949	51,143	.....	495,014
1964	12	390,792	80,815	10,458	49,235	.....	507,800
1965	19	326,298	81,426	10,515	51,639	.....	469,914
1966	21	392,403	88,004	11,453	53,161	.....	545,021
1967	23	384,666	117,009	20,421	57,754	.....	579,850
1968	23	420,617	114,731	14,123	121,127	.....	661,598
1969	25	447,565	104,688	19,481	202,363	.....	774,097
1970	26	401,090	121,866	14,195	172,882	.....	754,021
1971	37	460,085	198,629	25,074	208,572	.....	892,760
1972	44	415,032	184,238	22,522	132,134	43,782	796,709
1973	60	433,200	216,436	27,147	178,557	33,974	894,314

GROWTH OF PROVINCIAL PARKS

Year	Camping		Reserve Areas		Provincial Parks	
	Parks	Units	No.	Acreage	No.	Acreage
1963	74	13,951	27	270,503	86	3,696,368
1964	76	14,622	50	559,502	88	3,711,464
1965	80	15,427	55	437,338	89	3,742,160
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	3,763,440
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	113	10,282,848
1972	94	19,983	133	1,324,388	115	10,363,312
1973	95	20,419	135	1,258,099	116	10,463,706

116 PROVINCIAL PARKS IN OPERATION IN 1973

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
NORTH WESTERN REGION					
RED LAKE					
Pakwash	1,507	59	3,001	5,136	15,021
KENORA					
Rushing River	395	193	24,114	43,695	179,147
Sioux Narrows	322	71	5,580	10,905	32,736
FORT FRANCES					
Caliper Lake	246	92	7,155	10,452	34,899
Lake of the Woods	2,711	100	6,611	14,082	25,380
DRYDEN					
Aaron	128	111	9,550	10,934	40,896
Blue Lake	874	175	17,093	39,824	70,389
SIOUX LOOKOUT					
Ojibway	6,130	54	2,933	5,630	24,630
IGNACE					
Sandbar Lake	7,787	78	10,016	11,323	28,881
Total, 9 Parks	20,100	933	86,053	151,981	451,979
NORTH CENTRAL REGION					
ATIKOKAN					
Quetico	1,150,404	135	12,707	24,521	58,652
THUNDER BAY					
Inwood	82	80	16,915	16,945	21,840
Kakabeka Falls	1,030	161	34,169	46,220	399,468
Middle Falls	11	20	4,417	4,760	34,921
Sibley	52,897	217	15,796	30,165	100,854
NIPIGON					
Blacksand	3,353	100	4,458	6,587	12,507
GERALDTON					
Klotz Lake	210	27	3,646	5,319	10,679
MacLeod Lake	200	76	7,673	11,700	36,748
TERRACE BAY					
Neys	8,150	150	25,187	29,336	88,371
Rainbow Falls	1,422	230	24,208	25,034	79,540
WHITE RIVER					
Obatanga	23,250	110	11,706	15,515	27,820
White Lake	4,160	204	23,129	37,900	61,965
Total, 12 Parks	1,245,175	1,510	184,011	254,002	933,365
NORTHERN REGION					
HEARST					
Fushimi Lake	26,775	30	2,359	5,327	13,849
Nagagamisis	11,878	83	6,492	16,475	21,780
MOOSONEE					
Polar Bear	5,952,000	.....	.....	.....	.....
Tidewater	2,421	30	2,536	.....	.....

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
KAPUSKASING					
Remi Lake	7,040	92	12,156	17,807	49,850
COCHRANE					
Greenwater	10,970	78	5,745	11,769	32,869
TIMMINS					
Kettle Lakes	2,417	145	17,452	29,050	76,844
KIRKLAND LAKE					
Esker Lakes	7,680	136	8,175	19,236	23,960
Kap-Kig-Iwan	824	64	4,970	6,768	32,555
CHAPLEAU					
Five Mile Lake	1,010	85	3,352	6,211	6,693
Ivanhoe Lake	3,000	154	8,234	24,084	61,516
Missinaibi Lake	157,334	48	2,252	7,465	2,326
The Shoals	26,680	58	4,051	8,011	21,500
Wakami Lake	21,760	68	2,371	10,284	20,348
Total, 14 Parks	6,231,789	1,071	80,145	162,487	364,090
NORTHEASTERN REGION					
WAWA					
Lake Superior	391,152	354	37,259	54,534	157,090
SAULT STE. MARIE					
Batchawana	418	.....	.....	.....	36,142
Pancake Bay	714	278	39,971	59,643	139,397
BLIND RIVER					
Mississagi	7,124	112	5,878	13,919	54,666
ESPANOLA					
Chutes	270	91	20,431	23,743	77,273
SUDBURY					
Fairbank	214	128	14,192	21,913	56,248
Halfway Lake	58,240	210	.....	.....	.....
Killarney	84,269	135	8,855	31,829	40,529
Windy Lake	293	76	7,030	16,960	135,731
TEMAGAMI					
Finlayson Point	74	124	10,091	23,793	64,876
NORTH BAY					
Antoine	30	30	958	1,548	5,673
Marten River	1,034	216	14,387	32,758	74,027
Restoule	1,417	278	9,028	40,145	40,605
Samuel de Champlain . .	5,807	212	14,913	25,450	39,347
Total, 14 Parks	551,156	2,244	182,993	346,235	921,604
ALGONQUIN REGION					
PARRY SOUND					
Grundy Lake	6,310	521	36,983	104,151	169,876
Killbear Point	3,000	1,036	47,447	215,804	224,952
Oastler Lake	49	163	15,035	46,221	211,924
Sturgeon Bay	20	90	6,996	23,271	29,212
BRACEBRIDGE					
Arrowhead	2,162	389	36,038	72,272	187,201
Mikisew	289	270	12,904	42,758	88,638

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
ALGONQUIN PARK					
Algonquin	1,862,400	1,325	116,289	343,454	870,237
Drfitwood	655	95	7,682	15,112	11,558
BANCROFT					
Lake St. Peter	61	62	7,470	13,540	41,093
PEMBROKE					
Carson Lake	16	47	3,287	7,571	4,728
Bonnechere	254	115	5,694	18,145	13,946
Total, 11 Parks	1,875,216	4,113	295,825	902,299	1,853,370
EASTERN REGION					
OTTAWA					
Fitzroy	486	251	19,357	40,424	183,753
Rideau River	213	188	14,497	27,839	98,901
CORNWALL					
Carillon	1,715	302	18,082	26,589	111,642
South Nation	13	28	3,817	4,467	30,787
BROCKVILLE					
Charleston Lake	3,055	155	6,457	10,601	43,870
TWEED					
Sharbot Lake	99	191	13,968	37,304	65,305
Bon Echo	16,417	400	29,363	108,850	201,760
LANARK					
Silver Lake	78	197	20,341	33,566	85,561
NAPANEE					
Ferris	553	.....	.....	.....	.....
Lake on the Mountain . .	5	.....	.....	.....	.....
North Beach	74	.....	.....	.....	127,856
Outlet Beach	305	480	34,454	114,787	478,972
Presqu'Île	2,170	518	31,112	59,543	249,128
Sandbanks	1,761	50	3,974	8,577	82,770
Total, 14 Parks	26,944	2,760	195,422	472,547	1,760,305
CENTRAL REGION					
LINDSAY					
Balsam Lake	1,040	535	33,962	93,491	126,179
Darlington	380	368	33,321	53,958	194,722
Emily	157	300	18,974	44,887	113,921
Mark S. Burnham	100	.....	.....	.....	.....
Serpent Mounds	256	113	11,911	36,165	163,029
HURONIA					
Bass Lake	158	91	12,632	30,039	191,217
Devil's Glen	150	40	3,621	4,757	42,450
Earl Rowe	773	522	46,481	87,270	325,688
Mara	99	100	10,186	22,529	64,971
McRae Point	162	204	9,032	20,329	59,289
Six Mile Lake	183	192	18,136	42,233	142,021
Springwater	116	.....	.....	.....	46,284
Wasaga Beach	344	.....	.....	.....	335,111

(Continued from previous page)

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
MAPLE					
Sibbald Point	500	725	57,440	100,818	396,215
NIAGARA					
Rock Point	309	47	5,781	8,003	40,131
Total, 15 Parks	4,727	3,237	261,837	544,479	2,241,228
SOUTHWESTERN REGION					
SIMCOE					
Long Point	849	327	17,776	38,718	292,941
Selkirk	161	160	6,564	12,525	84,027
Turkey Point	782	473	15,225	30,144	374,708
AYLMER					
Iroquois Beach	349	91	3,396	6,335	214,041
John E. Pearce	168	.....	.....	.....	.....
Port Bruce	5	.....	.....	.....	.....
CHATHAM					
Holiday Beach	521	56	3,616	8,262	194,775
Ipperwash	201	265	20,035	70,004	155,366
Pinery	5,350	1,353	108,259	211,322	1,002,917
Rondeau	11,456	411	23,184	60,685	469,803
Wheatley	581	284	15,128	36,847	106,852
WINGHAM					
Point Farms	582	241	17,881	44,609	129,757
OWEN SOUND					
Craigleith	126	170	19,020	41,513	97,792
Cyprus Lake	1,616	250	23,188	56,954	173,246
Inverhuron	545	320	26,224	61,768	241,022
Sauble Falls	731	150	15,053	33,459	73,716
Total, 16 Parks	24,023	4,551	314,531	713,185	3,610,963
WILD RIVER PARKS					
Chapleau-Nemegosenda . .	25,000	.....	.....	.....	.....
Lady Evelyn	10,000	.....	.....	.....	.....
Mattawa	8,120	.....	.....	.....	.....
Mississagi	25,000	.....	.....	.....	.....
Winisk	415,400	.....	.....	.....	.....
Total, 5 Parks	483,520	.....	.....	.....	.....
NATURE RESERVES					
Gibson River	415	.....	.....	.....	.....
Matawatchan	160	.....	.....	.....	.....
Montreal River	108	.....	.....	.....	.....
Purphyry Island	264	.....	.....	.....	.....
Trillium Woods	25	.....	.....	.....	.....
Waubauskene Beaches . .	84	.....	.....	.....	.....
Total, 6 Parks	1,056	.....	.....	.....	.....
TOTAL, 116 Parks	10,463,706	20,419	1,600,817	3,547,215	12,136,909

135 PROVINCIAL PARK RESERVE AREAS – March 31, 1974

Region, District Reserve Area	Area (Acres)
NORTHWESTERN REGION	
RED LAKE	
Irregular Lake	370,000
Trout Lake	21,420
KENORA	
Pipstone Peninsula	3,660
Pistol Lake	4,000
FORT FRANCES	
Long Sault Burial Mounds . . .	119
Pow-Wow Grounds	1,730
Sandpoint Island	1,970
Total, 7 Areas	402,799
NORTHERN REGION	
HEARST	
Lake Nagagami	4,085
Rogers	1,510
KAPUSKASING	
Missinaibi Wild River	27,000
COCHRANE	
Long Point Peninsula	18,500
Otter Rapids	486
Pierre-Montreuil	42,088
TIMMINS	
Dana Lake	6,400
KIRKLAND LAKE	
McCann	640
GOGAMA	
Dividing Lake	19,240
La Motte Lake	1,250
CHAPLEAU	
Mississagi	97,100
Total, 11 Areas	218,299
NORTHEASTERN REGION	
WAWA	
Pothole Nature Reserve . . .	870
SAULT STE. MARIE	
Marks Bay	258
BLIND RIVER	
Aubrey Falls	17,000
Mashagama	8,300
SUDBURY	
Mashkinonge	2,543
Wahnipitae Lake	1,446
ESPANOLA	
La Cloche Lake	6,400
NORTH BAY	
Restoule	1,155
South Bay (Lake Nipissing) .	3,936

Region, District Reserve Area	Area (Acres)
TEMAGAMI	
W.B. Greenwood	23,000
Total, 10 Areas	64,908
NORTH CENTRAL REGION	
ATIKOKAN	
Warner Lake	745
White Otter Lake	60,000
THUNDER BAY	
Arrowhead Peninsula	850
Cavern Lake Canyon N.R. . . .	467
Fort William Historic Park . . .	45
Inwood	1,000
Kashabowie Lake	19,130
Ouimet Canyon	1,920
Pigeon River	3,240
Silver Falls (Dog Lake)	8,800
NIPIGON	
Cypress River	1,650
Eaglehead Lake	750
Humbolt Bay	73,000
Kopka Lake	89,650
Partridge Lake	6,500
GERALDTON	
Esnagami River	58,000
Lukinto Lake	2,250
Purgatory Chutes	100
TERRACE BAY	
Slate Islands N.R.	9,793
Steel River	2,700
WHITE RIVER	
Kakakiwibik Lake	58,880
Kawapitapika Lake	2,800
Total, 22 Areas	402,270
ALGONQUIN REGION	
PARRY SOUND	
Blackstone Harbour	15,267
CNR Line (Foley-Perry) . . .	664
Magnetawan Wild River . . .	19,572
McDonald Bay	1,100
O'Donnell Point	2,130
Round Lake	24,265
Shawanaga Basin	2,560
South Limestone Island N.R. .	11
BRACEBRIDGE	
Bigwind Lake	5,625
Chetwynd	210
Ragged Falls	740
Trout Creek	3,486

(Continued from previous page)

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
MINDEN		Lavender Falls (Noisy River)	100
Gull River	58	Matchedash	6,200
Kinear Property	196	Methodist Point	2,800
Red Pine Lake	6,580	Mono Rocks	1,002
ALGONQUIN PARK		Nottawasaga Lookout	330
Madawaska River	1,270	Primrose	2,652
BANCROFT		Scott's Falls	100
Kawartha Highlands	3,804	Wasaga Bucklands	2,026
MacKenzie Lake	3,408	MAPLE	
Papineau Lake	4	Credit Forks	508
Peterborough Petroglyphs	2,967	Duclos Point	160
Silent Lake	1,865	CAMBRIDGE	
PEMBROKE		Bronte Creek	1,672
Madawaska Wild River	1,270	Cranberry Bog	21
Mountain Chutes	9,841	NIAGARA	
Round Lake	571	Effingham	836
Total, 24 Areas	106,194	James N. Allan	284
EASTERN REGION		Total, 29 Areas	25,746
BROCKVILLE		SOUTHWESTERN REGION	
Blue Mountain	450	AYLMER	
LANARK		East Zorra Trail	60
Kilmarnock	63	CHATHAM	
Mouth of Tay	165	East Sister Island	36
Murphy's Point	1,161	Fox Property	19
TWEED		Peche Island	110
Bauder Property	86	Pelee Island	192
NAPANEE		Tremblay Beach	72
Casey Point	81	Windsor Prairie N.R.	174
Frontenac	9,036	WINGHAM	
Wolfe Island	714	Stinson Estate	119
Total, 8 Areas	11,756	OWEN SOUND	
CENTRAL REGION		Beaver Valley Lowlands	1,284
LINDSAY		Beaver Valley Ski Area	735
Buckhorn	950	Cape Chin	1,279
Indian Point	1,700	Colpoys Bay	150
Kendall Recreation Area	863	Dorcas Bay	101
Peter's Woods N.R.	83	Hogg's Falls	204
Quackenbush Arch. Site	121	Hope Bay	92
Scugog Island	415	Johnston Harbour	6,008
Wolf Island	464	Kolapore Uplands	4,350
HURONIA		Lion's Head	3
Allendale	198	MacGregor Point	1,095
Bass Lake Nature Reserve	457	Meaford Lookout	383
Couchiching	108	Osler Bluffs	85
Devil's Glen N.R.	124	Pretty River	1,726
Dunnedin Nature Reserve	200	Stokes Bay	704
Giant's Tomb	1,183	Umbrella Lake	7,430
Gloucester Pool	89	Total, 24 Areas	26,411
Hawkestone	100	TOTAL, 135 Areas	1,258,099

DIVISION OF PARKS

HISTORICAL SITES BRANCH

Room W-6508, Main Office. Telephone (416) 965-4490.

Branch Director	R.G. Bowes	W-6508 . .	4490
Senior Archaeologist and Spvr of Research.	D. MacLeod	W-6508 . .	4490
Senior Historian and Spvr of Planning . .	B. Woolsey	W-6508 . .	4490
Research and Planning Analyst	A. Usher	W-6508 . .	4490
Staff Archaeologist	W. Russell	W-6508 . .	4490
Research and Publications Editor	P. Nunn	W-6508 . .	4490
Staff Historian	T. Baxter	W-6508 . .	4490
Systems Planner	J. Weiler	W-6508 . .	4490
Fort William Historical Park			
c/o North Central Region	W.E. Lee, Mgr.	(807) 622-5866	
Program Planning Spvr	A. Weber	5866	
Huronian Historical Parks			
Box 160, R.R. 1, Midland, Ont L4R 4K3			
Supervisor	R. Montgomery	(705) 526-7838	
Information Officer	B. McConnell	7838	
Sainte-Marie Among the Hurons			
Manager	D. Cole	7838	
Historic Naval & Military Establishments			
(Penetanguishene) and			
Museum of the Upper Lakes (Wasaga			
Beach)			
Manager	C.A. Bourque	7838	

ATTENDANCE AT HISTORICAL PARKS

SAINTE-MARIE AMONG THE HURONS

Year	Season Days	Season Visitors	Year	Off-Season Days	Off-Season Visitors
1967	143	123,369	1967	...	.....
1968	150	124,868	1968	...	.....
1969	150	126,567	1969	208	2,142
1970	150	128,148	1970	220	6,106
1971	143	144,166	1971	219	12,641
1972	143	120,963	1972	173	11,644
1973	143	125,272	1973	150	14,229

MUSEUM OF THE UPPER LAKES

Year	Season Days	Season Visitors
1969	150	16,093
1970	150	14,709
1971	143	15,712
1972	143	14,121
1973	143	12,593

NAVAL & MILITARY ESTABLISHMENTS

Year	Season Days	Season Visitors
1973	108	9,468

FORT WILLIAM HISTORICAL PARK

Year	Season Days	Season Visitors
1973	100	43,360

DIVISION OF PARKS

PARK PLANNING BRANCH

Room W-3308, Main Office. Telephone (416) 965-3981.

Branch Director	T.E. Lee	W-3308 . . 3981
Secretary	Miss M. Whitelock	W-3308 . . 3981
Systems Planning	R. Mitton, Spvr	W-3312 . . 3981
Systems Planner	H. French	W-3315 . . 3981
Multi-Year Planner	D. Hallman	W-3313A . 3981
Trails Planner	C. MacDonald	W-3316 . . 3981
Master Planning	N. Richards, Spvr	W-3313 . . 3981
Environmental Planning	H.J. Gibbard, Spvr	W-3314 . . 3981
Earth Sciences	A.G. Tracey	W-3303 . . 3981
Life Sciences	T.J. Beachey	W-3303 . . 3981
Site Development Unit (Maple Dist)	I. Olcay, Spvr	(416) 832-2261-336

DIVISION OF LANDS

Room W-1410, Main Office.

Telephone (416) 965-6045.

Executive Director	L.H. Eckel	W-1410 . . 6045
Administration	J. Botterill	W-6637 . . 2724
Program Analyst	Miss Janine Zend	W-1511 . . 1075

LANDS ADMINISTRATION BRANCH

Room W-1618, Main Office.

Telephone (416) 965-1316.

Branch Director	J. McGinn	W-1618 . . 1316
Public Lands Section	G.A. Simons, Spvr	W-1408 . . 2741
Public Lands Management	L.E. Fleguel	W-1301 . . 4507
Disposition	Miss J.A. Hunter	W-1407 . . 2743
Renewals and Reviews	G.J. Madill	W-1302 . . 1251
Mining Lands Section	J.C. Smith, Spvr	W-1626 . . 1380
Projects Supervisor	F.W. Matthews	W-1617 . . 6918
Eastern Ontario Mining Recorder	D.S. Andrews	W-1506 . . 1322
Senior Mining Recording Clerk	W. Manza	W-1626 . . 1380
Eastern Ont. Mining Claims Inspector, 31 Springbrook Drive, Kawartha Heights, Peterborough	D.H. Leaper	(705) 743-6849
Land Acquisition Section	V.A. Leonard, Spvr	W-1412 . . 2738
Titles Section	W. Good, Spvr	W-6408 . . 1319
Control Officer	A.E.B. Armstrong	W-1620 . . 1319
Document Officer	C.D. Egerton	W-1620 . . 1319
Acreage Tax Administrator	Mrs. D.H. Holland	W-6408 . . 1319
Records Officer	H.V. Argue	W-6408 . . 1319

FREE GRANT LAND — in years ending March 31

Year	Locations		Cancellations		Assignments		Patents	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1964	12	1,222	1	100	18	2,385
1965	23	2,721	..	.....	11	1,319
1966	24	2,756	..	.....	12	1,307
1967	2	186	..	.....	7	732
1968
1969	3	268	1	68	2	168
1970	3	177
1971	1	100
1972
1973
1974

AGRICULTURAL LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1964	6	549	9	810	1	80	88	8,783	..	.....
1965	16	1,384	48	4,778	..	.....	62	6,468	..	.....
1966	12	1,084	29	2,860	..	.....	42	4,362	..	.....
1967	6	476	15	1,591	..	.....	28	2,510	1	100
1968	1	160	2	240	..	.....	24	2,480	2	177
1969	2	226	2	235	..	.....	19	2,144	..	.....
1970	1	86	1	80	..	.....	8	902	1	9
1971	3	425	..	.....	..	.....	4	505	..	.....
1972	1	62	..	.....	..	.....	1	115	..	.....
1973	1	39	..	.....	..	.....	3	279	..	.....
1974	1	138	1	147	..	.....	3	236	..	.....

SUMMER RESORT LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Surveys	Crown Leases	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres		No.	Acres
1964	912	929	17	19	6	7	1,088	1,092	939	...	...
1965	881	824	32	33	3	8	977	981	726	...	...
1966	856	863	23	21	17	25	833	925	838	...	...
1967	1,142	1,109	17	15	30	27	827	821	897	...	...
1968	944	977	20	24	27	23	961	940	746	...	...
1969	1,379	1,392	25	27	25	27	1,117	1,080	1,018	...	...
1970	1,563	1,565	16	19	32	30	1,065	1,195	1,447	...	...
1971	1,539	1,459	12	14	44	121	1,519	1,461	.....	...	...
1972	179	241	9	11	11	10	1,457	1,506	.....	284	473
1973	56	89	3	4	2	2	790	793	.....	398	313
1974	26	34	9	16	4	5	217	238	12	293	242

CITIES, TOWNS AND TOWNPLOTS — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1964	64	34.650	4	4.892	1	0.2	67	218.826	3	2.305
1965	27	7.140	13	2.840	1	0.394	45	15.019	1	0.13
1966	34	14.189	11	2.140	1	0.24	45	12.254	1	0.69
1967	27	10.275	5	1.063	1	0.09	23	13.106	..	.....
1968	37	12.491	5	1.165	5	1.18	37	14.986	1	0.50
1969	71	64.638	3	1.39	1	0.30	59	15.563	1	.....
1970	63	56.921	9	27.072	2	0.45	34	92.558	3	17.349
1971	31	97.983	1	0.110	..	.....	40	16.015	..	.....
1972	62	39.634	2	4.610	..	.....	49	38.267	1	0.130
1973	68	52.141	..	.....	..	.....	42	34.118	..	.....
1974	39	36.503	1	0.33	1	0.34	35	640.045	..	.....

LAND FOR SPECIAL USE — in years ending March 31

Year	Sales		Cancellations		Assign-ments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1964	75	1,529.052	4	83.03	..	....	140	6,624.6265	24	4,162.1467
1965	86	622.792	8	432.33	..	....	126	16,667.445	22	1,916.369
1966	83	671.358	8	244.489	..	....	99	2,345.328	15	926.54
1967	128	1,462.543	3	47.01	..	....	149	3,916.502	13	937.583
1968	108	1,192.00	4	204.00	1	1.00	153	1,896.00	8	221.00
1969	125	3,283.274	4	466.39	1	0.22	144	3,803.024	10	246.37
1970	111	954.161	2	1.55	..	....	113	2,747.811	10	217.765
1971	104	1,658.862	..	.....	..	....	161	3,908.937	10	131.657
1972	73	2,058.114	9	411.912	..	....	118	4,122.455	8	49.715
1973	53	1,199.084	2	51.170	..	.....	99	24,587.129	8	155.17
1974	59	447.659	3	75.77	2	2.52	106	3,089.561	10	194.79

LICENCES OF OCCUPATION AND LEASES — in years ending March 31

Year	LICENCES OF OCCUPATION				LEASES					
	Issued		Cancelled		No.	Issued		Cancelled		
	No.	Acres	No.	Acres		Parks	Acres	No.	Parks	Acres
1964	70	.....	96	.....	50	..	.....	34	..	.....
1965	32	.....	66	.....	127	..	.....	111	..	.....
1966	53	.....	71	.....	76	..	.....	86	..	.....
1967	65	1,458	90	2,891	82	..	404	97	..	1,214
1968	72	7,275	58	6,662	97	..	418	112	..	357
1969	61	3,575	62	8,609	81	..	351	94	..	415
1970	67	1,134	44	1,688	101	..	349	85	..	209
1971	50	3,383	64	363	25	..	236	22	..	176
1972	132	27,176	..	.....	126	..	2,991	..	..	.....
1973	85	4,281	4	326	48	49	411	8	4	28
1974	61	241	21	853	40	63	725	11	10	1,814

MINING LANDS — January 1, 1972, to March 31, 1973

Year	PATENTS		LEASES				Surface Rights		LICENCES OF OCCUPATION		QUIT CLAIM DEEDS AND REGRANTS	
	No.	Acres	Renewals and Conversions		New		No.	Acres	No.	Acres	No.	Acres
			No.	Acres	No.	Acres						
1973	...	.....	123	19,740	106	31,524	2	655	2	2,785	39	2,218.175
1974	3	124	26	1,571	80	23,721	4	820	2	400,850	40	3,408.400

PROSPECTING ACTIVITIES

Year	MINING CLAIMS				ASSESSMENT WORK (Days)	QUARRY PERMITS Issued	MINERS LICENCES	
	Recorded	Cancelled	In Good Standing				Issued	Renewed
1963	17,407	17,247	23,029	431,323	...	...	1,824	3,332
1964	51,547	15,545	59,031	465,689	...	...	4,879	3,411
1965	38,757	28,500	69,288	1,156,463	367	367	2,925	5,010
1966	39,097	42,726	65,659	841,798	408	408	2,863	4,765
1967	32,271	39,693	58,237	968,431	401	401	1,882	4,313
1968	38,705	31,629	65,313	1,070,212	459	459	2,257	3,878
1969	45,852	31,621	79,544	1,369,470	484	484	1,768	3,347
1970	40,693	36,867	93,775	1,800,360	521	521	1,534	3,117
1971	24,410	42,501	75,684	1,251,205	...	...	1,310	3,192
1972	19,267	37,753	57,198	857,940	598	598	1,239	2,955
1973	18,170	30,065	45,116	598,337	661	661	1,287	2,601

LANDS ACQUIRED BY CROWN — Number of Acres in years ending March 31

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased or Otherwise Acquired	Total	Acreage Tax Forfeitures
1964	9,399	2,139	10,500	22,038	.....
1965	2,174	7,969	12,081	22,224	.....
1966	5,484	1,989	8,285	15,758	.....
1967	8,402	1,840	12,601	22,843	.....
1968	8,344	470	46,435	55,249	.....
1969	2,411	996	208,026	211,433	.....
1970	3,272	128	88,023	91,423	.....
1971	1,515	14	10,692	12,221	.....
1972	1,519	428	10,745	12,692	.....
1973	4,160	55	33,611	37,826	*68,750
1974	1,896	240	1,541,291	1,543,427	33,000

* January 1, 1972, to March 31, 1973.

USE CATEGORY OF ACQUIRED LANDS — Acres in years ending March 31

Year	Provincial Parks	Access Points	Wilderness Areas	Sport Fisheries	Wildlife Mngt	Timber Mngt	District Imprvmts	Total
1968	9,142	1,135	357	8,829	3,328	32,632	154	55,577
1969	5,422	349	136	5,007	6,557	194,496	1,481	213,448
1970	3,633	350	21	1,318	3,091	83,240	3	91,656
1971	3,317	444	656	656	4,620	4,316	.....	14,009
1972	6,967	22	531	3,579	4,568	2,045	.....	17,712
1973	26,277	162	374	477	2,569	3,752	.....	33,611
1974	16,363	6	294	55	595	3,506	206	21,024
1974 Cost								
\$... 7,076,099	24,472	361,892	72,410	105,452	250,627	41,191	7,923,143	

DIVISION OF LANDS

SURVEYS AND MAPPING BRANCH

Room W-6602, Main Office.

Telephone (416) 965-6225.

Branch Director, Surveyor General	Robert G. Code	W-6602 . . 6225
Cadastral Surveys Section	F.C. McKergow, Spvr	W-6619 . . 2714
Crown Surveys	J.E. Hietala	W-6619 . . 2714
Mining Lands Surveys	T.E. Briggs	W-1628 . . 1187
Survey Research, Descriptions	J.P. Campbell	W-6619 . . 2714
Survey Records Information	D.E. Jeanes	W-6404 . . 7058
Control Surveys Section	M. Berman, Spvr	W-6604 . . 2714
Control Survey Agreements	J.H. Kerr	W-6601 . . 2714
Geographical Referencing		
Design and Development	R. Groot	W-6607 . . 4538
Co-ordinator, Geog. Referencing	W.E. Jenns	W-6605 . . 4538
Co-ordinator, Mapping Services	J.A. Haddon	W-6619 . . 4941
Inventory Section	B. Cardwell, Spvr	W-3415 . . 6914
Forest Resources Inventory		
Field Operations	J.R. McKnight	W-3414 . . 6914
Darkroom	W.T. Masters	W-3501 . . 6914
Ontario Land Inventory		
97 Newkirk Road, Richmond Hill		
Forest Sector	A. Boissonneau	(416) 884-8151
Recreation Sector	V. Mann	(416) 884-8151
Drafting Services Section	H.A. Sexton, Spvr	W-6503 . . 7108
Crown Lands	D.F. MacKinnon	W-6502 . . 7108
Mining Lands	B. Kozij	W-1632 . . 1187
Forest Resources Inventory	R.R. Brown	W-3401 . . 6914
Ontario Land Inventory (R. Hill)	N.W. McLeod	(416) 884-8151
Conservation Authorities	W.J. Clark	W-4403 . . 3319
Lake Resources Inventory	J.M. Alvares-Lobo	F-1064 . . 3781
Scientific Review	R. Balgalvis	W-2317 . . 4534
Petroleum Resources	B. Dimitroff	880 Bay St . . 1062
Cartography Section	J.G. Pound, Spvr	W-2609 . . 4743
Supervisory Cartographers	F.W. Dawson	W-2616 . . 1822
	B. Jackson	W-2602 . . 1208
	P.A. Ralph	W-2603 . . 1804
	D.W. Robeson	W-2617 . . 1823
Ontario Geographic Names Board	M.B. Smart, Exec. Secy	W-6606 . . 6515
Toponymist	P.J. Roulston	W-6606 . . 6515
Ontario Centre for Remote Sensing		
Acting Associate Director	V.G. Zsilinszky . . . . .	.801 Bay St. . . 8411

DIVISION OF LANDS

LAND USE CO-ORDINATION BRANCH

Room W-1411, Main Office. Telephone (416) 965-2899.

Branch Director	R.J. Bugar	W-1411 . . 2899
Land Use Planning Section	P.G. Rimmington, Spvr . .	W-1412 . . 2899
Lake Planning	N.C. Gordon	W-1411 . . 5344
Land Use Liaison Section	E.M. Cressman, Spvr . .	W-1412 . . 2899
Municipal Plan Review Section	E.F. Anderson, Spvr . .	W-1411 . . 5344

PLANS REVIEWED — in years ending March 31

Year	SPECIFIC DEVELOPMENT PLANS			Official Plans, Amendments and Zoning By-Laws
	Subdivision	Severance	Other	
1973	698	60	20	113
1974	1,053	838	157	192

PLANNING PROJECTS — in years ending March 31

Year	Ministry Plans	Other Ministries and Agencies Plans		Municipal Plans
1974	17		39	29

FIELD SERVICES DIVISION

Room W-5615, Main Office.

Telephone (416) 965-2781.

Executive Director	W.G. Cleaveley	W-5615 . . 2781
Administration	T.M. Van Dusen	W-5617 . . 2781
Office Manager	V.A. St. Onge	W-5619 . . 2781
Program Analyst	G.E. Doan	W-5614 . . 2781

FOREST FIRE CONTROL BRANCH

Room W-5607, Main Office.

Telephone (416) 965-2781.

Branch Director	W.L. Sleeman	W-5607 . . 2781
Fire Control	J.F. Goodman, Spvr	W-5602 . . 2781
Communications	J. Azevedo	W-5606 . . 2781
Flight Ops Officer, Malton Airbase	W.C. Clarke	(416) 248-3487

FOREST FIRE RECORD

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1917	\$ .....	\$ .....	.....	.....	384,164	1,110	346
1918	.....	.....	.....	.....	30,172	965	31
1919	.....	.....	.....	.....	922,161	1,780	518
1920	,.....	.....	.....	.....	358,851	1,287	279
1921	.....	.....	.....	.....	749,534	1,269	591
1922	.....	.....	.....	.....	346,193	1,021	339
1923	.....	.....	.....	.....	2,120,148	1,343	1,579
1924	.....	.....	.....	.....	146,017	851	171
1925	.....	.....	.....	.....	189,543	1,149	165
1926	.....	.....	65,888	22,486	88,374	1,110	80
1927	.....	.....	22,772	12,970	35,742	924	39
1928	.....	.....	96,436	3,947	100,383	536	187
1929	.....	.....	608,750	16,893	625,643	1,550	404
1930	.....	.....	357,531	354,278	711,809	1,402	508
1931	.....	.....	105,866	32,421	138,287	1,851	75
1932	.....	.....	626,555	52,466	679,021	2,073	328
1933	.....	.....	325,034	24,924	349,958	1,919	182
1934	.....	.....	160,348	38,285	198,633	1,568	127
1935	.....	.....	183,179	67,483	250,662	1,309	191
1936	.....	.....	1,153,876	110,557	1,264,433	2,264	558
1937	.....	.....	201,887	22,859	224,746	1,453	155
1938	.....	.....	96,168	42,077	138,245	1,292	107
1939	.....	.....	26,089	3,009	29,098	961	30
1940	.....	.....	100,990	20,624	121,614	1,014	120
1941	.....	.....	271,793	394,754	666,547	1,265	527
1942	.....	.....	77,709	36,007	113,716	1,224	93
1943	.....	.....	33,465	19,352	52,817	624	85
1944	.....	.....	73,228	95,663	168,891	1,137	149
1945	.....	.....	17,997	30,513	48,510	966	50
1946	.....	.....	44,656	32,113	76,769	1,739	44
1947	.....	.....	38,093	45,939	84,032	1,393	60
1948	.....	.....	854,778	162,611	1,017,389	2,036	500
1949	.....	.....	40,593	19,472	60,065	1,834	33
1950	55,148	103,682	13,203	23,577	36,780	985	37
1951	389,447	56,389	96,662	4,581	101,243	904	112
1952	29,504	31,347	7,264	5,157	12,421	1,095	11
1953	393,874	81,778	44,519	14,290	58,809	1,520	39
1954	406,241	15,650	36,115	18,578	54,693	881	62
1955	3,591,680	184,940	370,948	25,475	396,423	2,252	176
1956	3,068,152	22,319	221,822	4,390	226,212	1,017	222
1957	463,059	113,751	24,250	22,401	46,651	1,671	28
1958	311,503	97,036	25,544	11,108	36,652	1,558	24
1959	22,041	20,757	2,580	2,701	5,281	1,029	5
1960	438,094	56,442	29,190	2,196	31,386	956	33

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1961	\$31,989,802	\$152,638	1,180,900	3,828	1,184,728	1,305	908
1962	74,748	99,165	7,583	6,221	13,804	1,521	9
1963	706,888	39,932	40,692	15,446	56,138	1,885	30
1964	500,296	19,792	22,463	5,661	28,124	1,829	15
1965	386,850	254,105	14,995	4,909	19,904	1,218	16
1966	71,521	49,457	8,453	5,962	14,415	1,921	8
1967	1,353,919	87,638	58,733	4,769	63,502	1,465	43
1968	4,174	54,146	2,665	6,796	9,461	1,219	8
1969	134,756	4,623	4,481	1,653	6,134	901	7
1970	1,323,041	28,815	.....	.....	56,160	1,239	45
1971	462,064	75,875	.....	.....	36,199	1,790	20
1972	1,081,876	47,446	.....	.....	79,145	1,604	49
1973	11,944	121,900	5,973	2,940	8,913	1,111	8

1973 FOREST FIRES

District	Acres Burned Over	Number of Fires	Acres Per Fire	Months	Acres Burned Over	Number of Fires	Acres Per Fire
Dryden . . .	29.7	43	0.7	March	194.3	21	9.3
Fort Frances .	1,452.8	56	25.9	April	2,129.6	224	9.5
Ignace	34.0	16	2.1	May	134.1	205	6.4
Kenora	107.4	66	1.6	June	2,840.1	115	24.7
Red Lake . . .	268.9	24	11.2	July	1,059.1	304	3.5
Sioux Lookout	1,017.3	43	23.7	August	1,210.2	88	13.8
				September . .	32.8	78	0.4
Atikokan . . .	81.4	39	2.1	October	128.6	38	3.4
Geraldton . .	2,054.1	10	205.4	November . .	7.0	2	3.5
Nipigon . . .	50.3	26	1.9	Total	8,912.8	1,111	8.0
Terrace Bay .	27.8	18	1.5				
Thunder Bay .	1,314.2	79	16.6				
White River .	1.6	2	0.8				
Chapleau . . .	18.6	15	1.2				
Cochrane . . .	168.8	20	8.4				
Gogama . . .	605.4	11	55.0				
Hearst	73.3	19	3.9				
Kapuskasing .	78.1	13	6.0				
Kirkland Lake	58.2	40	1.5				
Moosonee . .	10.0	2	5.0				
Timmins . . .	8.6	8	1.1				
Blind River . .	11.3	12	0.9				
Espanola . . .	10.1	8	1.3				
North Bay . .	456.3	50	9.1				
Sault Ste Marie	10.2	4	2.6				
Sudbury . . .	258.6	156	1.7				
Temagami . .	14.3	20	0.7				
Wawa	185.0	18	10.3				
Algonquin Park	10.6	30	0.4				
Bancroft . . .	87.6	42	2.1				
Bracebridge .	18.9	22	0.9				
Minden . . .	53.0	27	2.0				
Parry Sound .	24.0	35	0.7				
Pembroke . .	72.5	36	2.0				
Lanark	9.8	12	0.8				
Tweed	215.6	65	3.3				
Huronvia . . .	5.4	6	0.9				
Lindsay . . .	9.8	14	0.7				
Owen Sound .	2.3	4	0.6				
Total . . .	8,912.8	1,111	8.0				

DETECTION OF FORESTS FIRES

Agencies of Detection	1966	1967	1968	1969	1970	1971	1972	1973
Towers	560	356	275	190	210	287	129	12
Ministry Aircraft.	189	161	53	96	195	308	395	176
Total Organized Dtn . .	749	517	328	286	405	592	524	188
Public	1,036	866	866	579	711	1,098	909	852
Other Aircraft	136	82	25	36	123	100	171	71
Total Random Dtn . . .	1,172	948	891	615	834	1,198	1,080	923
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111
%age, Organized Dtn . . .	39	35	27	33	25	33	33	17

SIZES OF FOREST FIRES

Area Burned Over	1966	1967	1968	1969	1970	1971	1972	1973
Up to 1/4 Acres	998	630	481	474	645	894	703	523
Over 1/4 to 10 Acres	834	712	602	383	508	755	757	534
Over 10 to 100 . . . Acres	70	99	118	36	61	108	97	43
Over 100 to 500 . . . Acres	14	16	17	6	11	17	26	6
Over 500 Acres	5	8	1	2	14	16	21	5
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

PROSECUTIONS

Actions re Forest Fires	1966	1967	1968	1969	1970	1971	1972	1973
Prosecutions	28	31	41	34	18	63	50	32
Convictions	26	27	36	29	16	55	43	29

CAUSES OF FOREST FIRES – I

GENERAL CAUSES	1966	1967	1968	1969	1970	1971	1972	1973
Recreation	719	567	356	256	363	702	346	357
Resident	223	203	262	128	150	192	206	164
Incendiary	18	23	32	9	21	27	29	25
Railways	117	176	141	78	125	152	175	149
Industry (Forest)	15	10	18	7	3	24	13	13
Industry (Other)	73	38	44	21	20	49	35	30
Miscellaneous (Known)	205	236	270	191	140	282	252	165
Unknown	12	14	17	9	14	23	20	35
Lightning	539	198	79	202	403	339	528	173
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

CAUSES OF FOREST FIRES – II

SOURCE OF IGNITION	1966	1967	1968	1969	1970	1971	1972	1973
Smoking Materials	510	442	325	212	250	405	263	242
Camp Fires	302	219	117	139	164	357	155	168
Matches	153	120	127	65	78	140	146	88
Fireworks	35	31	25	18	10	30	32	2
Explosives	2	2	1	1	...	...	4	1
Fusee	6	13	2	8	6	10	13	7
Prescribed Burning	2	9	...	1	2	...	1	0
Dump Ashes, Coals	2	3	8	3	2	4	3	3
Burning Grass	33	47	47	32	39	50	45	58
Burning Brush	42	26	42	23	19	34	32	28
Burning Rubbish	46	56	70	31	42	33	37	32
Burning Garbage Dump	48	31	49	24	15	41	35	24
Burning Bulldozed Pile	4	5	7	1	...	3	5	0
Burning Sawdust Pile	4	3	...	...	1	3	...	3
Burning Ties	6	8	...	1	...	4	...	4
Burning Right of Way	11	8	15	6	7	21	14	3
Locomotive, Diesel	14	61	33	21	50	27	13	26
Locomotive, Steam . . . . .	...	1	...	...	...	...	...	0
Brake Shoe	56	59	72	34	45	90	117	87
Hot Box . . . . .	...	1	3	...	2	...	2	7
Power Saw	4	5	1	3	1	3	3	1
Mechanical Equipment	16	11	12	7	8	17	18	17
Power Line (Short)	10	10	26	13	19	24	22	18
Sparks from Chimney	2	11	6	1	2	5	3	1
Sparks from Burner	2	5	3	1	3	2	5	2
Structural Fires	29	16	29	14	19	27	18	12
Miscellaneous (Known)	15	20	27	13	8	24	18	18
Unknown	28	47	64	27	44	97	73	86
Lightning	539	198	79	202	403	339	527	173
Total Fires	1,921	1,465	1,219	901	1,239	1,790	1,604	1,111

CAUSES OF FOREST FIRES – III

RESPONSIBLE GROUPS	1966	1967	1968	1969	1970	1971	1972	1973
RECREATION								
Fishermen	256	205	120	118	113	284	137	137
Hunters	40	47	17	15	12	35	20	28
Canoeists	4	5	8	10	13	38	10	14
Campers	77	49	30	30	37	87	38	40
Picnickers	21	14	9	10	15	20	6	9
Berry Pickers	107	82	21	23	85	55	18	58
TRAVELLERS								
Car Passengers	125	117	124	79	61	95	102	59
Hikers	52	40	29	27	27	74	26	21
Train Passengers	23	1	2	1	3	3	1	1
Guided Parties . . . . .	...	2	...	...	1	...	...	0
RESIDENTS								
Farmers	29	24	50	14	11	29	24	14
Rural Residents	71	115	129	53	81	65	106	105
Urban Residents	17	24	12	8	4	15	13	11
Private Cottagers	47	39	46	33	23	40	33	24
Resort Owners	9	4	9	...	4	3	2	5
Indians (on Reserves)	9	11	14	7	7	14	13	4
VOCATION								
Trappers . . . . .	...	1	5	4	...	1	...	1
Prospectors	1	3	2	1	...	2	3	3
Timber Cruisers . . . . .	...	...	...	...	...	...	...	0
Survey Parties	2	1	...	1	...	1	...	0
Military	1	...	1	1	...	1	1	0
EMPLOYEE OFF—								
Woods Industry	14	14	18	5	4	18	16	12
Mining	8	1	6	2	1	4	...	8
Pipeline	1	...	...	...	...	17	1	1
Hydro	21	4	6	5	11	10	11	7
Telephone . . . . .	...	...	1	...	...	...	1	0
Highway or Road	3	5	8	4	4	2	3	1
R.R. Section Crew	11	15	16	6	6	15	18	6
R.R. Train Crew	62	131	115	63	103	125	141	135
R.R. Work Crew	10	12	5	5	8	5	6	7
Other Industry	12	15	11	4	7	10	8	5
Natural Resources	3	1	1	2	3	6	4	2
Other Prov Government . . . .	...	...	...	...	...	...	1	1
Federal Government . . . . .	...	...	1	1	...	...	...	1
Municipality	11	7	5	2	1	1	6	3
MISCELLANEOUS								
Children	212	156	164	85	99	202	164	100
Youth Camps	2	8	10	3	1	4	1	1
Miscellaneous (Known)	24	28	49	34	30	72	37	25
Unknown	95	85	96	43	61	98	106	84
Total Man-Caused Fires	1,382	1,267	1,140	699	836	1,451	1,077	938
Percentage of All Fires	72	87	94	78	67	81	67	84

FIELD SERVICES DIVISION

ENGINEERING SERVICES BRANCH

Room W-5620A, Main Office. Telephone (416) 965-1271.

Branch Director	S.B. Panting	W-5620A . 1271
Fleet and Equipment Management	J.E. Branchaud	W-5625A . 1271
Roads Co-Ordinator	G.E. Holman	W-5620 . . 1271
Project Engineers . . . . .	. . . . .	. . . . . 1271
Construction Depot		
Box 1119, Huntsville	B.G. Paget, Const Mgr	(705) 789-4471

FIELD SERVICES DIVISION

AIR SERVICE BRANCH

Box 310, Sault Ste. Marie, Ont P6A 5L8. Telephone (705) 949-1231.

Branch Director	T.C. Cooke	1231
Maintenance Superintendent	C.E. Whittingdon	1231
Chief Pilot	W.K. Warner	1231
Accountant	P.F. Yade	1231
Purchasing Officer	H.J. MacMillan	1231
Quality Control Inspector	S.J. Higgins	1231

AIR SERVICE SUMMARY — I — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Surveys	Lands	Parks	Research	Inter- Ministry	Photo	Mercy Flights	Misc	Total
1951	4,210	938	2,029	...	283	...	303	232	...	64	2,998	11,067:10
1952	5,498	903	2,086	...	153	...	360	188	273	168	3,171	12,800:20
1953	5,278	674	1,980	97	149	...	266	150	280	56	2,959	11,888:50
1954	6,302	982	1,972	124	376	...	386	574	186	53	2,609	13,564:10
1955	5,095	1,048	2,362	181	246	...	284	398	244	34	2,497	12,388:30
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05
1973	2,354	1,110	3,542	43	1,005	930	291	1,805	365	42	3,064	14,551:15
1924-73												
Total	203,794	28,945	78,812	706	8,641	7,655	7,418	15,160	3,065	1,500	147,556	503,252:15

AIR SERVICE SUMMARY — II — in years ending March 31

Year	Mercy Flights	Passengers Carried	Flight Crew	Loads Carried	
				Tons	Pounds
1963	16	27,750	4,819	5,657	230
1964	13	33,742	5,545	7,512	132
1965	17	30,235	4,842	5,434	394
1966	15	28,409	4,983	4,998	507
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
1973	28	32,050	22,418	13,568	1,880
1924-73					
Total	393	914,994	294,065	172,213	245

HELICOPTERS (Leased and Contract) — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Misc	Total
1963	1,307	194	180	369	2,050:25
1964	1,604	187	77	232	2,099:35
1965	1,423	32	30	424	1,098:50
1966	937	142	136	193	1,408:50
1967	1,643	102	154	295	2,193:40
1968	1,205	163	261	485	2,114:30
1969	620	343	289	650	1,902:15
1970	920	340	460	602	2,322:40
1971	1,106	333	798	978	3,214:30
1972	1,510	175	472	343	2,500:30
1973	2,221	82	116	613	3,032:10

COMMERCIAL AIRCRAFT (Leased) — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Misc	Total
1967	1,565	22	200	127	1,913:40
1968	3,331	50	430	162	3,973:10
1969	1,251	51	151	129	1,582:15
1970	1,899	126	310	257	2,592:30
1971	3,934	99	571	521	5,124:31

CONSERVATION AUTHORITIES BRANCH

Room W-5501, Main Office.

Telephone (416) 965-6283.

Branch Director	A.D. Latornell	W-5513 . . 6287
Executive Assistant	E.K.E. Dreyer	W-5501 . . 6285
Professional Services	J.W. Murray, Spvr	W-5501 . . 6294
Chief Engineer	T.M. Kurtz	W-5501-1 . 6295
Hydrometeorologist	D.N. McMullen	W-5502 . . 6292
Forestry and Land Use	R.J. Dickie	W-5637 . . 6275
Parks Inspector	H.J. Christian	W-5637 . . 6278
Resources History	M.B. Addinall	W-5502 . . 6284
Land Use Planning	Miss L. Hammett	W-5502 . . 6220
Administration Services	F.G. Jackson, Spvr	W-5512 . . 6285
Senior Financial Officer	D. Powers	W-5414 . . 7694

FINANCE AND ADMINISTRATION DIVISION

Room W-6314, Main Office.

Telephone (416) 965-6147.

Executive Director	R.R. MacBean	W-6314 . . 6147
Program Analysis Co-Ordinator	W.D. Tieman	W-6310 . . 4218
Systems Co-Ordinator	G.M. Longley	W-5416 . . 5674

FINANCIAL MANAGEMENT BRANCH

Room W-4324, Main Office.

Telephone (416) 965-2761.

Branch Director	A.C. Goddard	W-4324 . . 2761
Budget Section	M.J. Churchill	W-4322 . . 1895
Financial Methods Section	C.K. Moulson	W-4402 . . 1218
Internal Audit Section	R.A. Groves	W-4332 . . 4087
Finance and Cost Analyst	E.E. Bayer	W-4331 . . 2761
Chief Accountant	W.A. Brown	W-4328 . . 2761
Financial Reporting Section	I.A. Nott	W-4304 . . 5602
Accounts Payable Section	F.J. Morrell	W-4319 . . 2764
Revenue Accounts & Security Deposits Sect.	J.E. Campbell	W-5402 . . 2770
Payroll Section	K.D. Plouffe	W-4401 . . 2766
Fish & Wildlife Licence Issuing Section	F.J. Bailes	W-4304 . . 2814
Mining Revenue Section	K.H. Stahl	W-1413 . . 1314
Revenue Receiving Section	I.W. Dewell	W-4335 . . 4451
Accounting Claims, Special Assignments	F. Da Silva	W-4331 . . 2761

REVENUE AND EXPENDITURES* — in years ending March 31

Year	CASH RECEIPTS			CASH DISBURSEMENTS		
	Ordinary	Fixed Assets	Total General Revenue	Ordinary	Capital	Total General Expenditure
	\$	\$	\$	\$	\$	\$
1964	22,584,169	640,057	23,224,226	27,815,029	3,557,125	31,372,154
1965	23,373,311	768,852	24,042,163	28,667,274	1,562,776	30,230,050
1966	25,513,416	822,939	26,336,355	28,528,700	3,893,760	32,422,460
1967	26,288,442	1,129,352	27,417,794	36,307,310	5,905,588	42,212,898
1968	28,755,044	1,225,300	29,980,344	42,807,111	8,006,755	50,813,866
1969	32,291,089	1,488,316	33,779,405	48,375,965	10,343,575	58,719,540
1970	37,550,207	**1,968,479	39,518,686	.....	.....	†61,452,671
1971	38,441,964	1,415,841	39,857,805	.....	.....	71,501,138
1972	31,759,228	464,038	32,223,266	.....	.....	92,486,312
1973	.....	.....	††55,161,863	.....	.....	138,797,387
1974	.....	.....	††89,660,894	.....	.....	158,627,096

*Revenue and expenditure for 1973 includes Conservation Authorities Branch, Historical Sites Branch, Department of Lands and Forests, Department of Mines and Northern Affairs, and the St. Lawrence Parks Commission. Prior years' revenue and expenditure cover the Department of Lands and Forests only.

**Prior years designated as Capital Receipts.

†Expenditures designated as Ordinary and Capital in prior years.

††Receipts designated as Ordinary and Fixed Assets in prior years.

TIMBER REVENUE — in years ending March 31

Year	Crown Dues	Ground Rent	Forest Prot Charges	Cash Deposits and Refunds	Misc	Total
	\$	\$	\$	\$	\$	\$
1964	12,194,962	81,522	989,233	48,800	25,067	13,339,583
1965	12,442,384	88,569	1,153,344	16,177	29,239	13,729,713
1966	13,770,045	83,865	1,083,416	64,461*	20,715	14,893,580
1967	13,273,094	85,950	1,123,840	38,958	44,628	14,566,470
1968	15,006,187	118,105	1,519,165	22,730*	94,084	16,714,811
1969	14,704,603	239,304	3,125,169	20,422	100,289	18,189,787
1970	17,501,304	169,426	2,213,672	18,268*	105,368	19,971,502
1971	18,325,410	218,007	2,309,940	6,565	371,238	21,231,160
1972	12,600,145	135,390	1,795,274	8,646*	**822,026	**15,344,189
1973	13,219,732	146,230	1,900,485	30,467*	909,978	16,145,958
1974	14,608,689	143,352	1,872,543	29,454*	827,784	17,422,914

LANDS REVENUE — in years ending March 31

Year	Crown Land Sales	Crown Land †Rentals	Park †Rentals	Misc	Total
	\$	\$	\$	\$	\$
1964	577,472	466,650	34,402	16,523	1,095,047
1965	512,998	458,235	33,604	19,413	1,024,250
1966	495,852	324,548	32,041	198,039	1,050,480
1967	732,281	346,762	34,265	356,877	1,470,185
1968	778,884	399,445	30,987	309,784	1,519,100
1969	1,113,794	384,822	30,781	422,869	1,952,266
1970	1,279,054	447,174	36,915	626,471	2,389,614
1971	1,088,147	464,483	27,109	680,627	2,260,366
1972	218,412	571,925	23,734	222,786	1,036,857
1973	159,234	384,238	26,525	282,572	852,569
1974	1,334,071	369,970	25,488	280,926	2,010,455

CASH RECEIPTS — in years ending March 31

Year	Provincial Land Tax	Sales of Maps, Publications, etc.	Flying Fees	Fire Costs Recovered	Nursery Tree Sales
	\$	\$	\$	\$	\$
1964	1,404,036	128,948	36,402	102,406	113,627
1965	1,440,259	142,129	24,355	111,656	127,414
1966	1,528,775	121,514	26,664	72,007	143,283
1967	1,772,838	136,660	31,878	81,667	106,888
1968	1,761,796	136,921	38,715	124,489	129,535
1969	1,754,617	169,603	44,572	84,249	159,354
1970	2,033,837	157,161	67,983	87,512	189,535
1971	1,932,379	175,600	65,321	54,589	180,679
1972	2,013,687	181,952	74,185	112,198	196,725
1973	R	977,647	101,482	180,979	209,552
1974	. . . . .	1,254,868	38,920	106,803	243,857

* Refunds in excess of deposits.

** Includes Reimbursements of Expenditures.

† Leases and Licences of Occupation.

R - Reported by Ministry of Revenue as of April 1, 1973.

MINING REVENUE — in years ending March 31

Year	Licences and Permits	Services*	Mining Claims	Sale of Mining Lands	Rentals	Royalties	Taxes	Forfeit- ures	Labor- atory Fees	Rec. of Prior Years Expenditure	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1964	65,489	40,170	241,768	102,347	318,940	263,273	10,615,494	....	112,168	....	11,759,649
1965	112,942	68,144	628,434	2,209	291,393	348,673	14,579,869	....	123,868	....	16,155,531
1966	94,760	45,472	493,227	3,129	253,330	367,184	15,093,996	....	125,472	....	16,476,570
1967	91,800	45,876	506,872	2,781	275,881	428,329	10,851,512	....	120,826	....	12,323,877
1968	77,682	55,844	580,918	11,929	643,733	412,329	16,334,342	....	130,279	....	18,247,056
1969	88,213	63,326	638,096	1,742	657,513	410,507	19,819,810	....	134,064	....	21,813,272
1970	76,884	65,060	700,055	—	707,070	433,642	24,541,463	1,268	129,856	....	26,655,298
1971	90,007	72,466	604,624	—	646,958	538,408	25,441,642	98,814	133,651	....	27,626,570
1972	119,896	51,714	399,156	908	573,951	792,223	13,965,745	5,285	140,500	15,663	16,065,041
1973	93,663	....	338,982	2,635	743,246	720,645	17,018,059	6,710	85,185	92,801	19,101,926
1974	77,530	....	334,526	1,938	858,567	744,462	46,962,605	6,710	107,716	106,554	49,200,608

PROVINCIAL PARKS REVENUE — in years ending March 31

Year	Vehicle Permits	Campsite Permits	Concessions Rental	Historical Sites Lic & Permits	St. Lawrence Lic & Permits	Federal Assistance	Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1964	554,098	599,440	84,125	.....	.....	.....	17,305	1,254,968
1965	591,748	626,034	95,487	.....	.....	.....	21,945	1,335,214
1966	901,300	863,704	95,082	.....	.....	.....	24,849	1,884,935
1967	1,024,315	935,513	105,670	.....	.....	.....	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	.....	.....	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	.....	.....	.....	95,986	2,413,613
1970	609,390	1,937,078	131,033	.....	.....	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	.....	.....	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	.....	.....	104,467	43,006	3,538,133
1973	708,726	3,265,999	234,632	106,181	1,289,360	*155,789	22,250	5,782,937
1974	759,614	3,605,009	227,827	123,498	1,445,316	....	49,360	6,210,624

* Included in Ministry totals from 1973.

* Prior year expenditure.

FISH AND WILDLIFE REVENUE — in years ending March 31

Year	Non-Res Angling	Res. P.P. Angling	Resident Angling	Other Fishing	Commercial Fishing	Royalty Fish	Non-Res Hunting	Resident Bear	Resident Deer	Resident Moose
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1964	2,651,793	33,426	.....	18,976	94,207	2,541	1,125,019	1,782	457,361	393,296
1965	2,656,575	39,227	.....	23,007	97,735	1,783	1,278,264	2,083	493,979	366,693
1966	2,808,858	38,258	.....	23,292	99,982	975	1,478,195	2,917	533,179	422,535
1967	2,932,274	38,859	.....	28,020	108,092	724	1,859,144	4,066	546,667	436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679
1973	4,289,712	.....	44,156	53,132	90,218	.....	2,240,435	5,604	788,314	921,024
1974	4,494,915	.....	5,394	55,962	87,824	.....	2,752,935	6,790	797,826	1,134,734

Year	Resident Groundhog	Res (Gun) Hunting	Dog	Trappers	Fur Dealers	Royalty Game	Hunter Exam Fee	Pro Park Hunting	Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1964	33,351	321,180	24,811	37,009	3,844	290,563	.....	16,998	91,923	5,598,080
1965	32,347	309,060	24,269	34,744	3,586	252,380	.....	20,869	92,477	5,729,078
1966	36,919	328,177	25,732	32,911	3,326	197,077	.....	25,176	95,792	6,153,301
1967	39,443	331,256	25,934	31,641	2,950	223,867	.....	27,764	109,254	6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622	11,649	31,320	**131,521	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626	68,901	31,955	53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364	73,707	29,909	53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154	73,372	33,624	f-313,168	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567	76,253	33,178	147,698	9,496,326
1973	73,186	921,030	21,889	39,727	2,345	.....	81,084	32,189	120,500	9,724,545
1974	67,286	970,532	17,979	45,900	2,230	..(T)..	95,991	31,384	166,718	10,734,400

* Resident Angling Licence discontinued January 1, 1971.

** Refund of prior year's licence fees.

*** Fines included to March 31, 1968: reported after that date by Department of Justice.

f. Includes federal share of loans to commercial fishermen.

(T) Included in Timber Revenue as of April 1, 1973.

FINANCE AND ADMINISTRATION DIVISION

NORTHERN AFFAIRS BRANCH

26 Broadalbane St., Toronto, Ont M4Y 1C3. Telephone (416) 965-7577.

Branch Director	R.V. Scott	(416) 965-7577
Co-Ordinator	J.S. Grant	7577
	D.W. Masdorp	7578
	N. Thornley	7578

NORTHWESTERN REGION and NORTH CENTRAL REGION

Thunder Bay 'F' — 140 South May St. . . .	D.A. Myles, spvr	(807) 623-5518
Staff Officer	Miss R. McLennan	5518
Sioux Lookout — Provincial Bldg	S. Willis	(807) 737-1318
Red Lake — 242 Howey St.	B. England	(807) 727-2870
Kenora — Court House	K.D. Pride	(807) 468-5548
Dryden — 7 King St.	J. Stanton	(807) 223-5231
Fort Frances — 333 Church St.	F.B. Whitehead	(807) 274-5329
Atikokan — 123 Marks St.	M.J. Kaliska	(807) 597-2701
Thunder Bay 'F' — 140 South May St. . . .	J. L. Scott	(807) 623-5518
Geraldton — 103 Main St.	A.C. Leeder	(807) 854-0266
Marathon — Gilbert St.	J.B. Young	(807) 229-1153

NORTHERN REGION

Timmins — 60 Wilson Ave.	K.J. Scully, spvr	(705) 267-1401
Staff Officer	G. Garant	1401
Moosonee — Ontario Government Bldg . . .	(vacant)	(705) 336-2991
Kapuskasing — 42 McPherson Ave	C. Lefebvre	(705) 335-6008
Cochrane — 161 Sixth Ave.	G. Rhodes	(705) 272-4274
Timmins — 60 Wilson Ave.	F. Thomson	(705) 267-1401
Kirkland Lake — 32A Prospect Ave.	R.L. Rhude	(705) 567-3291
New Liskeard — 49 Armstrong	R. Sayer	(705) 647-7391

NORTHEASTERN REGION

Sudbury — 15 Frood Road	T.L. Pickard, spvr	(705) 675-1176
Staff Officer	J.M. Kozlich	1176
Wawa — 55 Broadway Ave.	J. Aquino	(705) 856-2354
Sault Ste. Marie — 444 Queen St. East . . .	W.A. Glassford	(705) 254-6623
Blind River — 13 Lawton St.	C.J. Rivard	(705) 356-2226
Elliot Lake — 114 Ontario St.	E.D. Blahey	(705) 848-7133
Espanola — 100 Tudhope St.	R.J. Gordon	(705) 869-1532
Sudbury — 15 Frood Road	H.R. Ross	(705) 675-1176
Sturgeon Falls — 191 Main St.	C. Cazabon	(705) 753-2900
North Bay — 267 Main St. West	J.E. Levis	(705) 472-3911

THUNDER BAY— Satellite offices at Beardmore, Caramat, Central Patricia, Ear Falls, Emo, Hudson, Ignace, Longlac, Machin, Manitouwadge, Nakina, Nipigon, Pickle Crow, Rainy River,

Redditt, Red Rock, Savant Lake, Schreiber, Shebandowan, Terrace Bay, Upsala, and White River.

TIMMINS— Satellite offices at Attawapiskat, Cobalt, Earleton, Elk Lake, Englehart, Fauquier, Foleyet, Haileybury, Hearts, Hornepayne, Iroquois Falls, Larder Lake, Matachewan, Matheson, Ramore, Smooth Rock Falls, and Temagami.

SUDBURY— Satellite offices at Chapleau, Gore Bay, Little Current, Massey, Mattawa, Neolville, Powassan, Richards Landing, and St. Charles.

TORONTO— Satellite office at Parry Sound.

OFFICE TRANSACTIONS

Regions Offices	1971	1972	1973
NORTHWESTERN and NORTH CENTRAL			
Thunder Bay	2,520	3,439	4,749
Atikokan	1,263	1,764	4,406
Dryden	2,920	3,334	4,530
Fort Frances	2,795	3,879	7,174
Geraldton	1,143	2,112	8,968
Kenora	3,536	3,707	4,573
Marathon	1,332	2,670	4,312
Red Lake	1,583	1,887	4,773
Sioux Lookout	1,807	2,851	4,403
Total, Region	18,899	25,643	47,888
NORTHERN			
Timmins	3,071	3,752	5,266
Cochrane	3,373	4,534	6,551
Kapuskasing	3,318	3,975	6,697
Kirkland Lake	2,099	3,729	5,333
Moosonee	656	1,172	2,525
New Liskeard	1,953	2,994	5,262
Total, Region	14,470	20,156	31,634
NORTHEASTERN			
Sudbury	3,525	3,907	7,692
Blind River	1,834	3,820	5,641
Elliot Lake	1,592	3,376	5,558
Espanola	4,107	6,193	7,495
Little Current	1,006	514*	.....
North Bay	3,537	4,105	5,343
Sault Ste Marie	2,193	2,846	5,396
Sturgeon Falls	1,468	2,881	7,036
Val Caron	539	36*	.....
Wawa	1,338	2,847	4,397
Total, Region	21,139	30,525	48,558
Toronto	3,984	4,634	4,895
Total, Ontario	58,492	80,958	132,975

*Offices closed April 1, 1972.

SERVICES TO AGENCIES IN 1973

Agency	No. of Transactions	Agency	No. of Transactions
Agriculture and Food	5,129	Management Board of Cabinet	43
Attorney General	1,689	Civil Service Commission	420
Legal Aid	367	Natural Resources	6,672
Ontario Municipal Board	31	Parks	735
Colleges and Universities	3,503	Mining	2,786
Archives and Records	17	Northern Affairs	7,261
Community and Social Services . .	1,921	Policy & Priorities of Cabinet	0
Social Services	4,734	Premier	149
Community Services	2,205	Resources Dev. Policy Field	52
Youth and Recreation	2,850	Revenue (general)	1,228
Children's Aid Societies	1,214	Ontario Housing Corp.	1,093
Consumer & Commercial Relations .	1,709	Social Dev. Policy Field	9
Consumer Protection	3,730	Solicitor-General	161
Registrar-General	1,161	Ontario Provincial Police	364
LLBO and LCBO	429	Emergency Measures	114
Correctional Services	211	Transportation & Communications .	2,784
Probation Services	1,292	Licensing	8,230
After Care Services	231	Ontario Northland Trans.	356
Parole Board	7	Road Const. & Maintenance . .	433
Education	498	Treasury Economics and	
Environment	3,855	Intergovernmental Affairs	2,439
Hydro Electric Power Comm . .	126	Municipal Affairs	1,881
Government Services	478	Regional Development	56
Provincial Auditor	4	Federal (general)	3,865
Printing Services Branch	75	Unemployment Insurance Comm	7,761
Health	2,582	Manpower	3,341
Health Serv. Ins. & Reg.	7,305	Taxation	2,428
Industry and Tourism	1,250	Pensions, Allowances, Welfare . .	6,445
NODC and ODC	1,705	Grants (LIP, OFY, etc)	839
Trade and Industrial Dev.	215	Immigration & Citizenship	963
Tourism and Information	5,340	Indian Affairs	592
Justice Policy Field	14	Health Services	462
Labour	1,018	TOTAL	132,975
Employment Standards	8,615		
Human Rights	766		
Workmen's Compensation Board	2,614		
Lieutenant Governor	23		

FINANCE AND ADMINISTRATION DIVISION

PERSONNEL BRANCH

Room W-1523, Main Office. Telephone (416) 965-3825.

Branch Director	H.B. Farrant	W-1523 . . 3825
Manpower Section	A.G. Yuile, Spvr	W-1415 . . 6091
Staffing	C.H. Bennett	W-1503 . . 2707
Staff Development	J. Purves	W-1501 . . 6091
Pay and Classification Section	W.W. Tweed, Spvr	W-1401 . . 6091
	A.J. Bennett	W-1402 . . 6091
	J.A. Temple	W-1402 . . 6091
Employee Relations	A. Jackel	W-1328 . . 3825
Office Management Section	Mrs. C. Mahon, Spvr	W-1332 . . 3961
Classifications	W.C. McBride	W-1330 . . 3961
Records	Mrs. D. Schroeder	W-1332 . . 3961

STAFF SUMMARY

Staff at March 31	1973	1974
Regular Staff	3,732	3,453
Probationary Staff	256	522
Unclassified Staff	1,349	1,192
Total Staff	5,337	5,167
Main Office Staff	1,788	1,551
Field Office Staff	3,549	3,616
New Employees	318	402
Deceased	6	9
Superannuated	64	71
Transferred	101	30
Resigned	143	197
Dismissed	6	3
Miscellaneous	13	12
Total Separations	333	322
Biologists	92	98
Economists	9	8
Engineers	22	22
Foresters	214	242
Geologists	48	53
Mining Engineers	23	30
Park Planners	17	16
Scientists	46	48
Miscellaneous	89	44
Professional Staff	560	561
Air Engineers	40	39
Cartographers	31	28
Communications Techs. . . .	22	24
Construction Supts.	10	10
Draftsmen	60	63
Geologist Assistants	16	13
Insp. Mining Claims	7	10
Laboratory Techs	34	32
Mechanics	61	59
Mines Rescue Trg Off.	9	9
Mining Recorders	11	9
Pilots	41	41
Resource Managers	25	24
Resource Techs	1,491	1,445
Safety Instruction Off	15	14
Scalers, licensed	989	857

JUNIOR RANGERS

Year	Number
1964	1,519
1965	1,551
1966	1,658
1967	1,675
1968	1,706
1969	1,744
1970	1,911
1971	2,034
1972	2,034
1973	2,082
1974	1,493

FINANCE AND ADMINISTRATION DIVISION

ADMINISTRATIVE SERVICES BRANCH

Room W-5329, Main Office. Telephone (416) 965-2711.

Branch Director	J.A. Queen	W-5329 . . 2711
Operations Section	M.A. Gontier, Spvr	W-5326 . . 6166
Purchasing	G.A. Harper	W-5321 . . 1601
Office Management	H.L. Bembridge	W-5334 . . 5134
Central Supply	R.M. Toms	W-5318 . . 5318
Services Section	F.W. Love, Spvr	W-5401 . . 4600
Accommodations, Cap. Improvements	F.W. Love	W-5401 . . 4600
Map Office	Miss M.I. Leuty	W-6404 . . 6511
Mines Publications Office	Miss H. Moses	W-1509 . . 1348
Aerial Photo Library	C. Strowbridge	W-3501 . . 1123
Records Management Section	A.J. Lesser, Spvr	W-2506 . . 3822

DISTRIBUTION OF LITHOGRAPHED MAPS — in years ending March 31

Year	20 20A	Territorial Series	Electoral 33A	Misc	Topographical Series		Total
					Provincial	National	
1964	652	8,255	313	9,503	9,525	34,160	62,408
1965	651	9,152	257	6,651	7,060	35,210	58,981
1966	586	9,881	135	14,526	2,543	39,697	67,368
1967	664	8,654	4,849	13,033	6,157	40,854	74,211
1968	760	8,443	2,094	12,785	8,931	49,734	82,753
1969	503	7,826	718	7,140	19,147	54,479	89,813
1970	712	8,678	1,018	9,507	28,911	64,205	113,031
1971	644	9,284	1,919	9,925	30,706	72,199	124,677
1972	1,209	7,555	5,476	2,808	44,242	74,018	135,308
1973	847	8,635	2,349	3,054	35,617	76,077	126,579
1974	1,569	10,518	1,552	4,044	40,937	84,061	142,628

FINANCE AND ADMINISTRATION DIVISION

INFORMATION BRANCH

Room W-5305, Main Office. Telephone (416) 965-2756.

Branch Director	F. Moritsugu	W-5314A . 3315
Information Section	G.E. Mulholland, Spvr	W-5314B . 2756
Mines Information	L.C. Brown	W-4403 . . 1345
Photo Service	J. Kay	W-B315 . . 1177
Safety Programme Development Section . .	R.J. Mennenga, Spvr	W-5405 . . 2735

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS at Dec 31	STUDENTS GRADUATED		HUNTING ACCIDENTS**		
		Yearly	To Date	Non-Fatal	Fatal	Total
1963	3,050	20,387	66,382	103	15	118
1964	3,200	18,652	85,034	103	14	117
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968*	904	9,645	147,947	86	10	96
1969	1,142	12,957	160,904	116	13	129
1970	1,137	13,075	173,979	70	8	78
1971	1,162	15,601	189,580	68	14	82
1972	1,373	18,235	207,815	70	5	75
1973	1,350	23,522	231,337	81	13	94

* Instruction mandatory for new hunters in 1960, and for new hunters under the age of twenty years in 1968.

** Further details of accidents in Ontario Hunting Casualty Report.

FINANCE AND ADMINISTRATION DIVISION

LEGAL SERVICES BRANCH *

Room W-6410, Main Office. Telephone (416) 965-2748.

Director	M.S. Smith	W-6410 . . 2748
Solicitors	W.E.D. Peters	W-6402 . . 2748
	W.J. Obelyncki	W-6402 . . 2748
	L.A. Low	W-6409 . . 2749
	D.G. Searle	W-6411 . . 2749
	B.G. Jones	W-6605 . . 2749

LEGISLATION

The Acts administered by the Ministry are grouped below by Divisions.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus the Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT provides for the establishment of a Geographic Names Board for Ontario having the duty to gather information respecting the names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names, and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-3, confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham, Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste. Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale,

*Legal Services Branch was transferred to the Ministry of the Attorney General on April 1, 1973, and seconded to the Ministry of Natural Resources on the same date.

lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the systems of surveys and the rules for surveyors. The Minister orders surveys made on his own volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-3 establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

THE MINING ACT with respect to: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for, and the production of, minerals and oil and natural gas; the staking and recording of mining claims; and the rights of licensees and lessees under the Act. An acreage tax is levied under this Act. (See under 'Division of Mines'.)

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licensees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE CANADA COMPANY'S LAND ACT, 1922, empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' land.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exportation (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides that, with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers.

Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of flora and fauna of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources; game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: — open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations. The Game and Fish Hearing Board was established under the Act on November 15, 1973.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act. They relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOAN ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF DAMAGE TO LIVESTOCK COMPENSATION ACT, 1972, provides for payment of compensation to the owners of livestock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management and for certain employees having the authority of the O.P.P. in a provincial park. Advisory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environmental park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for building and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.00 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT was passed on March 26, 1959, to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act.

THE HISTORICAL PARKS ACT, 1972, provides for the establishment of historical parks on public lands on which there is an object or site of historical interest.

DIVISION OF MINES

THE MINING ACT with respect to the regulation of mining operations conducted within Ontario. (See under 'Division of Lands'.)

THE PITS AND QUARRIES CONTROL ACT, 1971, provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971, sets forth licensing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972, imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire districts set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire district) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, and industrial operation, clearing, etc., in or within 1000 feet of a forest or woodland. Areas may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent

thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT provides for the control of outbreaks of forest tree insects and diseases on private lands.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with: the construction, repair and use of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

THE PARKS ASSISTANCE ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972, established as of April 1, 1972, the new Ministry of Natural Resources which included the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of Acts on which the departments previously depended for administrative authority. Effective November 1, 1973, the Act provides for the appointment of a Mining and Lands Commissioner.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966, established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain. The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. one Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the overflow of:—

- (a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;
- (b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.
- (c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and
- (d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943, ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952, confirms the partial diversion of the Seine River and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-3, provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-2, vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-1, adds the public lands in the Geographic Townships of Bruton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

POLICY RESEARCH BRANCH

Maple, Ontario L0J 1E0. Telephone (416) 832-2261.

Branch Director	Dr. W.R. Henson	Extension 327
Statistical Analysis	Dr. F.L. Raymond	Extension 319
Ecological Analysis	R.O. Standfield	Extension 314
		Main Office, 965-6371
Resource Economics		
Policy Field Liaison	M.L. Simpson	W-3601A . 6371
Recreational Analysis	D.W. Simkin	W-4525 . . 6712
Environmental Quality Co-Ordination . . .	Q.F. Hess	W-5605B . 2781
Library Systems		
Natural Resources Library	Mrs. S. Louet	W-4508 . . 6310
Mines Reference Library	Mrs. N. Kavanagh	W-1603 . . 1352
Research Library	Mrs. P. Marks	Maple Extension 244

NORTHWESTERN REGION

J.R. Oatway	Regional Director	Box 5160, 808 Robertson St. Kenora, Ont P9N 3X7	Phone (807) 468-3111
F.L. Hall	Deputy Reg Director		
R.A. Riley	Deputy Reg Director		
G.N. McGeachy	Admin Officer	G. Brown	Forester
K.J. Chambers	Biologist	M.S. Millar	Lands Co-ord
R.V. Brady	Fire Mgt Officer	R. Murray	Mines Engineer
R.C. Beard	Geologist	R. Balkwill	Parks & Rec Co-ord
A.P. Pryslak	Geologist, Red Lake	J.A. Murphy	Eng Services Co-ord
P. Palonen	Geologist, Sioux Lookout		

Dryden Fire Centre, S.O. Russell, Box 88, Dryden Phone (807) 937-4489
 Dryden Forest Station, T.R. Myland, Box 90, Wabigoon Phone (807) 938-6326

KENORA DISTRICT

Box 5080, 808 Robertson St., Kenora
 Ont P9N 3X7. Phone (807) 468-9841

E.G. Gillespie	District Manager
A. Johnston	Admin Officer
R. Paterick	Field Services
D. Brooks	Fish & Wildlife
W. Mills	Forests
W.T.K. Dalgetty	Lands
D. McGregor	Parks

SIOUX LOOKOUT DISTRICT

Box 309, Sioux Lookout,
 Ont P0V 2T0. Phone (807) 737-1140

C.E. Perrie	District Manager
W.L. Bertrand	Admin Officer
H.D. Morrison	Field Services
M.E. Buss	Fish & Wildlife
E.D. Berry	Forests
F.E. Brown	Lands & Parks

RED LAKE DISTRICT

Box 323, Highway 105, Red Lake,
 Ont P0V 2M0 Phone (807) 727-2531

E. Everley	District Manager
G.C. Carlson	Admin Officer
T. Millard	Fish & Wildlife
J.S. Miller	Forests
M. Elliot	Field Services, Lands & Parks

FORT FRANCES DISTRICT

922 Scott Street, Fort Frances
 Ont P9A 1J4 Phone (807) 274-5337

D.J. D'Agostini	District Manager
B.Y. Katerick	Admin Officer
G.M. Fenelon	Field Services
E.J. Swift	Fish & Wildlife
R.W. Udell	Forests
N.E. Johnson	Lands
E.J. Swift	Parks

DRYDEN DISTRICT

Box 640, 119 King Street, Dryden
 Ont P8N 2Z3. Phone (807) 223-2341

P. Endress	District Manager
J. Hamilton	Admin Officer
S. Sprager	Field Services
J. Williamson	Fish & Wildlife
A. VanFraassen	Forests
D. Lindstrom	Lands & Parks

IGNACE DISTRICT

Highway No. 17, Ignace,
 Ont P0T 1T0. Phone (807) 934-2233

T.E. Dodds	District Manager
W.A. Brunton	Admin Officer
B. Saunders	Fish & Wildlife
.	Forests
J.D. Bond	Field Services, Lands & Parks

NORTH CENTRAL REGION

R.A. Baxter	Regional Director	235 Bay Street, Thunder Bay 'P'
L.M. Affleck	Deputy Reg Director	Ont P7B 1R4. Phone (807) 344-0711
J.D. Chadwick	Admin Officer	
.	Engineer	J.H. Boyle Mines Engineer
H. Redding	Fire Mgt Officer	. . . . . Elec Mech Engineer
R. Monzon	Lands Co-ord	Phone (807) 345-9311

W. Hendry	Deputy Reg Director	Phone (807) 622-5866
C.A. Elsey	Biologist	
J.F. Flowers	Forester	K.G. Fenwick Geologist
D.A. Fawcett	Parks & Rec Co-ord	Phone (807) 345-1438

Dorion Trout Rearing Station, J.F. Atkinson	Phone (807) 857-2322
Fisheries Research Unit	Phone (807) 767-5511
Forestry Research Unit, N.F. Lyon	Phone (807) 767-1607
Fort William Historical Park, W.E. Lee	Phone (807) 622-5866
Regional Fire Centre, R. Kincaid	Phone (807) 767-1663
Thunder Bay Forest Station, A. Wynia	Phone (807) 939-2465

THUNDER BAY DISTRICT

14 Algoma St North, Thunder Bay "P",
Ont P7B 5G5. Phone (807) 345-6543

J.E. Hamilton	District Manager
C.T. Kennedy	Admin Officer
A. Johnston	Field Services
R.T. Thomson	Fish & Wildlife
R.G. Klein	Forests
E. Diamond	Parks

GERALDTON DISTRICT

Box 640, Geraldton,
Ont P0T 1M0. Phone (807) 854-1030

J.K. Cleaveley	District Manager
L.S. Morrow	Admin Officer
W.E. Belisle	Field Services
E.H. Stone	Fish & Wildlife
D. Jovic	Forests
A. Hoshino	Lands & Parks

ATIKOKAN

Atikokan,
Ont P0T 1C0. Phone (807) 597-2781

M.P. Barker	District Manager
B.A. Prince	Admin Officer
F. Dustak	Field Services
B.H. Gibson	Fish and Wildlife
A.G. Dougall	Forests
D.H. Elder	Lands & Parks

NIPIGON DISTRICT

Box 729, Nipigon
Ont P0T 2J0. Phone (807) 887-2120

G.O. Koistinen	District Manager
C. Lewis	Admin Officer
W.R. Doyon	Field Services
L. Townes	Fish & Wildlife
G. Marek	Forests
C.R. Williams	Lands & Parks

WHITE RIVER DISTRICT

200 Winnipeg Street, White River,
Ont P0M 3G0 Phone (807) 822-2250

D. O'Grady	District Manager
D. Futhey	Admin Officer
K. Fuller	Field Services
R. Jerrard	Fish & Wildlife
D.F. Galley	Forests
K. Green	Lands & Parks

TERRACE BAY DISTRICT

Box 280, Terrace Bay,
Ont P0T 2W0. Phone (807) 825-3205

L.J. Haas	District Manager
J. Hara	Admin Officer
B.J. Lapenskie	Field Services
J.A. Chappel	Fish & Wildlife
R.D. Fry	Forests
T.B. Scott	Lands & Parks

NORTHERN REGION

G.A. McCormack	Regional Director	Box 2050, 140 Fourth Ave., Cochrane,
E. Markus	Deputy Reg Director	Ont P0L 1C0 Phone (705) 272-4287
L.H. Lingenfelter	Admin Officer	W.H. Forman Deputy Reg Director
M.F. McKenzie	Biologist	60 Wilson Avenue, Timmins,
W.J. Brown	Forester	Ont P4N 3W2 Phone (705) 267-1401
H.I. Mattson	Parks & Rec Co-ord	R. Elliott Fire Mgt Officer
4 Govt Rd E, Kirkland Lake,		W.O. Karvinen Geologist
Ont P2N 1A1	Phone (705) 567-5241	E.W. Multamaki Lands Co-ord
H.L. Lovell	Res Geologist	R.F. Lockhart Mines Engineer
E. Craig	Mining Recorder	R. Barty Eng Services Co-ord
Englehart River Forest Station, L. Forcier		Phone (705) 544-2331
Hill Lake Trout Rearing Station, P. Graf		Phone (705) 544-2834

COCHRANE DISTRICT

Box 730, 2 Third Ave, Cochrane,
 Ont P0L 1C0 Phone (705) 272-4365

G.A. Wright	District Manager
G. Nantel	Admin Officer
A.C. Hutchinson	Field Services
W. Therriault	Fish & Wild & Parks
J. Starr	Forests
F. Wright	Lands

CHAPLEAU DISTRICT

34 Birch Street, Chapleau,
 Ont P0M 1K0 Phone (705) 864-1710

J.M. Small	District Manager
O.E. Crawford	Admin Officer
J.R. Russell	Field Services
G.L. Penny	Fish & Wildlife
R.O. Brandes	Forests
W.E. MacPhail	Lands
G.W. Dingee	Parks

GOGAMA DISTRICT

Gogama,
 Ont P0M 1W0 Phone (705) 894-2000

C. Dionne	District Manager
V. Mathieu	Admin Officer
R. Carriere	Field Services
E. McGregor	Fish & Wildlife
K. Cleary	Forests
D. Stewart	Lands & Parks

HEARST DISTRICT

Box 670, Hearst,
 Ont P0L 1N0 Phone (705) 362-4346

C. Emblin	District Manager
W.C. Trowsse	Admin Officer
L.G. Woods	Field Services
S. St. Jules	Fish & Wildlife
T. Isherwood	Forests
M. Girouard	Lands & Parks

KAPUSKASING DISTRICT

6 Government Road, Kapuskasing,
 Ont P5N 2W4 Phone (705) 335-6191

R.G. Lightheart	District Manager
R.W.E. Stone	Admin Officer
M. Elliott	Field Services
M.R. Cusson	Fish & Wildlife
J.T. Rudolph	Forests
A.J. McGoeys	Lands & Parks

KIRKLAND LAKE DISTRICT

Box 129, Swastika,
 Ont P0K 1T0 Phone (705) 642-3222

J.G. Minor	District Manager
R.I. Thompson	Admin Officer
W.G. Taylor	Field Services
J.F. Gardner	Fish & Wildlife
B.I. Thompson	Forests
J.A. Colquhoun	Lands
W.B. Hill	Parks

TIMMINS DISTRICT

896 Riverside Drive, Timmins,
 Ont P4N 3W2 Phone (705) 264-1262

A.F. Papineau	District Manager
R. Brousseau	Admin Officer
D. Shewen	Field Services
.	Fish & Wildlife
D. Jefferson	Forests
C. Biggar	Lands & Parks

MOOSONEE DISTRICT

Box 190, Moosonee,
 Ont P0L 1Y0 Phone (705) 336-2987

J.R. Bailey	District Manager
W.J. Humphrys	Admin Officer
B.A. Norris	Lands-Parks-fld, Ser
R.J. Landry	Res Dev Co-ord

NORTHEASTERN REGION

J.M. Hughes	Regional Director	Box 1900, Sault Ste. Marie,
D.J. Vance	Deputy Reg Director	Ont. P6A 5N9 Phone (705) 949-1780
J.C. Kindness	Admin Officer	
W. Straight	Biologist	R. Christie Deputy Reg Director
A.W. McClellan	Cons Auth Prg-Supr	174 Douglas St West, Sudbury,
H. Kresin	Engineer	Ont P3E 1G1 Phone (705) 674-8365
Dr. P. Giblin	Reg Geologist	J.L. Canfield Fire Mgt Officer
P.R. Wyatt	Lands Co-ord	W.C. Stevens Forester
T.J. Linklater	Park Mgt Supervisor	E.W. Isaac Mines Engineer
C. Clark	Recreation Planner	J.J. Lazurko Elec-Mech Engineer

Tarentorus Trout Rearing Station, D.V. Storms	Phone (705) 253-8953
North Bay Trout Rearing Station, N.B. Hollingsworth	Phone (705) 663-2282
Standfield Fish Hatchery, G. Clarke	Phone (705) 22-R-211

SAULT STE MARIE DISTRICT

Box 130, Aerodrome Bldg, S.S. Marie,
Ont P6A 5L5. Phone (705) 949-1231

J.H. Sellers	District Manager
H.J. Smith	Admin Officer
C.E. Tregonning	Field Services
E.F. Mantle	Fish & Wildlife
F. Janser	Forests
I.J. Valentine	Lands
L. Davey	Parks

NORTH BAY DISTRICT

Box 3070, North Bay,
Ont P1B 8K7. Phone (705) 474-5550

E. Rogers	District Manager
W.H. Andrews	Admin Officer
H.N. Whalen	Field Services
M.R. Wolfe	Fish & Wildlife
D.E. Honeyborne	Forests
R.V. Coulombe	Lands
H.J. Edmundson	Parks

WAWA DISTRICT

Box 1160, Wawa,
Ont P0S 1K0. Phone (705) 856-2396

R. Alton	District Manager
A. Scully	Admin Officer
A.J. Bull	Field Serv & Parks
H. Orr	Fish & Wildlife
C.K. Sumi	Forests
V. Uhler	Lands

TEMAGAMI DISTRICT

Box 38, Temagami,
Ont P0H 2H0. Phone (705) 569-3622

J.E. Rumney	District Manager
W.W. Hicks	Admin Officer

SUDBURY DISTRICT

174 Douglas St West, Sudbury,
Ont P3E 1G1. Phone (705) 673-1111

D.E. McHale	District Manager
M.H. Jackson	Admin Officer
W. Wetow	Field Services
J.M. Sheppard	Fish & Wildlife
D. Potvin	Forests
M. Groening	Lands
K.H. Moore	Parks

BLIND RIVER DISTRICT

Box 190, 62 Queen St, Blind River,
Ont P0R 1B0. Phone (705) 356-2234

D. Hagar	District Manager
F. McWhinnie	Admin Officer
W.J. Davis	Field Services
S. Woodside	Fish & Wildlife
C.F. Husk	Forests
R. Wood	Lands
G.W. Connell	Parks

ESPANOLA DISTRICT

Box 1340, Espanola,
Ont P0P 1C0. Phone (705) 869-1330

E.N. Arbuckle	District Manager
B. Phillips	Admin Officer
P. King	Field Serv & Parks
D. Hughson	Fish & Wildlife
J. Christian	Forests
J. Stocking	Lands

H.G. Smith	Field Services
T.W. Dolhy	Forests
R.B. Sinclair	Lands & Parks
J.K. Young	Fish & Wildlife

ALGONQUIN REGION

J.S. Ball Regional Director
W.K. Fullerton . . . Deputy Reg Director
A.E. Walroth Deputy Reg Director
J. Carswell Admin Officer
C.W. Douglas Biologist
. Engineer
B.J. Dunne Fire Mgt Officer

Box 9000, Manominee St. Huntsville,
Ont POA 1K0 . . . Phone (705) 789-4476

H.J. Henry Forester
. Geologist
J.K. Barker Lands Co-ord
W.C. Calvert Parks & Rec Co-ord

The Leslie M. Frost Natural Resources Centre, G.A. Hamilton Phone (705) 766-2242
Forest Research Station (Dorset), M.M. McLean Phone (705) 766-2242
Pembroke Trout Rearing Station, W.T. Marston Phone (613) 687-5935
Skeleton Lake Fish Hatchery, M.E. Beathune Phone (705) 769-3731

PARRY SOUND DISTRICT

4 Miller Street, Parry Sound,
Ont P2A 1S8 . . . Phone (705) 746-2141
W.R. Peck District Manager
G.F. Walter Admin Officer
D. Burns Field Services
J.A. Macfie Fish & Wildlife
G.C. Felton Forests
J.A. Shalla Parks
T.H. Croswell Lands

BANCROFT DISTRICT

Box 500, Bancroft,
Ont K0L 1C0 . . . Phone (613) 332-3940
O. Goodman District Manager
H.E. Vance Admin Officer
B. Little Field Services
B. Collins Fish & Wildlife
F. Walker Forests
D.W. McLennan . . . Parks
O. Fleming Lands

ALGONQUIN PARK DISTRICT

Box 219, Whitney,
Ont K0J 2M0 . . . Phone (705) 637-2780
J. Lever Park Supt, District Man.
J.E. Growse Admin Officer
H.J. Rietveld Fish & Wildlife
D.F. George Forests
. Lands & Field Serv
T.J. Leveque Asst Park Supt

PEMBROKE DISTRICT

Box 220, Riverside Drive, Pembroke,
Ont K8A 6X4 . . . Phone (613) 732-3661
L.L. Bronson District Manager
A.H. Plummer Admin Officer
R.N. Cousineau . . . Field Services
A.E. Armstrong . . . Fish & Wildlife
J.A. Simpson Forests
E.N. McKenzie Lands & Parks

BRACEBRIDGE DISTRICT

Box 1138, Bracebridge,
Ont P0B 1C0 . . . Phone (705) 645-5244
R.W. Tippet District Manager
J.A. Baird Admin Officer
J.T. Matthews Field Services
G.K. Winterton . . . Fish & Wildlife
R.W. Taylor Forests
J.S. Booker Lands
R.G. Ellis Parks

MINDEN DISTRICT

Minden,
Ont K0M 2K0 . . . Phone (705) 286-1521
D.D. White District Manager
R.E. Raby Admin Officer
G.M. Samells Field Services
S.J. Toole Fish & Wildlife
B.G. Cross Forests
J.E. Dewey Lands & Parks

EASTERN REGION

T.W. Hueston	Regional Director	Provincial Government Building,
D.E. Gage	Deputy Reg Director	South Boundary Road, Kemptville,
S.R. Hamilton	Deputy Reg Director	Ont K0G 1J0.
A.R. Taylor	Fin & Admin Officer	Phone (613) 258-3413
G.R. Whitney	Biologist	W.G. Maslen
D.J. Murray	Cons Auth Prg-Supr	Lands Co-ord
J.R. Stork	Engineer	G.E. Thomas
P.E. Anslow	Forester	Mines Engineer
		J.G. Bell
		Parks & Rec Co-ord
		J.W. Lloyd
		Field Services Co-ord

Codrington Fish Hatchery and Bird Farm, A.H. Draves.	Phone (613) 475-2512
White Lake Fish Hatchery, K. Steele	Phone (613) 335-2115
Westport Fish Hatchery, J.D. McNee	Phone (613) 273-2106
G. Howard Ferguson Forest Station, H.H. deVries	Phone (613) 258-3413
Glenora Fisheries Research Station, W.J. Christie, R.R. 4, Picton	Phone (613) 476-2400

TWEED DISTRICT

Metcalfe Street, Tweed,
Ont K0K 3J0. Phone (613) 478-2330

W.H. Cantelon	District Manager
G.J. O'Hearn	Admin Officer
W.F. Caverley	Field Serv & Lands
D.G. Atkinson	Fish & Wildlife
W.M. Fasken	Forests
W.J. Miller	Parks

LANARK DISTRICT

Box 239, Lanark,
Ont K0G 1K0 Phone (613) 259-2108

W. Vonk	District Manager
G.N. Hill	Admin Officer
W.R. Lannin	Fish & Wildlife
E.L. Borczon	Forests
D.G. Kennedy	Field Services
	& Lands & Parks

OTTAWA DISTRICT

Box 434, R.R. 6, Ottawa,
Ont K1G 3N4 Phone (613) 822-2525

W.D. Adlam	District Manager
R.G. McCue	Admin Officer
G.M. Tupling	Fish & Wildlife
M. Schaefer	Forests
G.A. Gowdy	Field Services
	& Lands & Parks

NAPANEE DISTRICT

Postal Bag 3040, Highway 41, Napanee,
Ont K0K 2R0 Phone (613) 354-3389

R.G. Bailey	District Manager
R.A. Armstrong	Admin Officer
W.A. Perrin	Field Services
H.K. von Rosen	Fish & Wildlife
W.A. Perrin	Forests & Lands
J.C. Matheson	Parks

BROCKVILLE DISTRICT

101 Water Street, Brockville,
Ont K6V 5Y8 Phone (613) 354-3389

R.H. Trotter	District Manager
D.G. Gilmer	Admin Officer
G.E. Raine	Fish & Wildlife
A.J. Campbell	Forests
R.A. Lessard	Field Services
	& Lands & Parks

CORNWALL DISTRICT

Box 1749, 40 Fifth St West, Cornwall,
Ont K6H 5V7 Phone (613) 933-1774

J.R. Morin	District Manager
M.J. Labelle	Admin Officer
R.G. Baldwin	Fish & Wildlife
B.W. Warwick	Forests
R.J. Cleroux	Field Services
	& Lands & Parks

CENTRAL REGION

A.H. Peacock Regional Director . 295
 E.G. Wilson Dep Reg Director . 297
 G.P. Elliott Dep Reg Director . 291
 H. Tjoelker Admin Officer . . . 208
 J.B. Dawson Biologist 282
 J.S. Anderson . . . Cons Auth Co-ord . 205
 R.N. Staley Forester 289

10,670 Young Street, Richmond Hill,
 Ont L4C 3C9 Phone (416) 884-9203
 Ext
 U.J. Vagners Geologist 240
 R.H. Galway Mines Engineer . . 232
 H.J. Featherston . . Parks-Rec Co-ord . 299
 R.J. Vrancart Lands Co-ord . . . 234

Midhurst Forest Station, Midhurst, C.R. Groves Phone (705) 728-6599
 Orono Forest Station, Orono, W.R. Bunting Phone (416) 983-9147
 Ontario Tree Seed Plant, Angus, R.B. Latimer Phone (705) 424-5311
 Deer Lake Fish Hatchery, R.R. 1, Havelock, J.M. Hunt Phone (705) 778-3391

MAPLE DISTRICT

Maple,
 Ont L0J 1E0 . . . Phone (416) 832-2261
 F.E. Sider District Manager . . 203
 W.B. Pottelberg . . Admin Officer . . . 300
 W.A. Creighton . . Biologist 211
 W.M. Mitchell . . . Lands 208
 H. Pronk Parks 240
 I.B. Earl Forests 224

HURONIA DISTRICT

Midhurst,
 Ont L0L 1X0 . . . Phone (705) 728-2900
 D.W. Schafer District Manager
 W.B. Bowles Admin Officer
 L.W. O'Dell Field Services
 A.J. Stewart Fish & Wildlife
 M.R. Innes Forests
 D.R. MacArthur . . Lands
 J. Van der Meer . . Parks

NIAGARA DISTRICT

Box 1070, Highway No. 20, Fonthill,
 Ont L0S 1E0 . . . Phone (416) 892-2656
 J.E. Dickenson . . . District Manager
 Mrs. J.T. Mace . . . Admin Officer
 W.V. Hardy Field Services
 & Forests & Lands
 R.D. Townsend . . . Fish & Wildlife
 & Parks

LINDSAY DISTRICT

322 Kent St West, Lindsay,
 Ont K9V 2Z9. . . Phone (705) 324-6121
 C.R. Gray District Manager
 H.C. Wallwin Admin Officer
 W.E. Prange Field Services
 P.W. Swanson . . . Fish & Wildlife
 R.A. Lockhart . . . Forests
 M.L. Dick Lands
 W.P. Barber Parks

CAMBRIDGE DISTRICT

Beaverdale Road, Cambridge,
 Ont N3C 2V3 . . . Phone (519) 658-9356
 W.R. Catton District Manager
 Admin Officer
 J.E. Collard Lands
 H.D. Howell Fish & Wildlife
 R.C.A. Gilbert . . . Forests, Field Serv
 B.M. Duffin Parks

SOUTHWESTERN REGION

W.H. Charlton . . .	Regional Director	1106 Dearness Drive, London,
J.M. Halpenny . . .	Deputy Reg Director	Ont N6E 1N9. . . . Phone (519) 681-5350
A.S. Holder	Deputy Reg Director	
V.H. Crocker	Admin Officer	
J.F. Gage	Biologist	R. Beards Geologist
J.R. Powell	Cons Auth Prg-Supr	S. Altan Mines Engineer
P.H. Crook	Engineer	J.A. Fingland . . . Lands Co-ord
E.P. Johnston . . .	Forester	A. Harjula Parks & Rec Co-ord

Chatsworth Trout Rearing Station, P.H. Hartman	Phone (519) 794-2340
Wiarton Sub-station, B. Marchant	Phone (519) 534-0770
Normandale Trout Rearing Station, W.A. Hooper	Phone (519) 426-3142
St. Williams Forest Station, R.E. Laupert	Phone (519) 586-3863

CHATHAM DISTRICT

Box 1168, 435 Grand Ave West, Chatham,
Ont N7M 5L8 . Phone (519) 354-7340

D.R. Fortner	District Manager
H. Lehmann	Admin Officer
G.T. Greenwood . .	Fish & Wildlife
Mrs. M.S. Kenney . .	Forests
R.E. Hutchison . . .	Forests
H.W. Rowe	Lands
R.E. Chornopski . .	Parks

SIMCOE DISTRICT

5 Queensway West, Simcoe,
Ont N3Y 2M7 . Phone (519) 426-7650

D.A. Scott	Forests
H.J. Manson	Fish & Wildlife
	Phone (519) 428-0330
R.B. McGee	District Manager
G.N. Sanderson . . .	Admin Officer
P.A. Strassburger . .	Parks
W.L. Edwards	Lands

OWEN SOUND DISTRICT

611 Ninth Ave East, Owen Sound,
Ont N4K 3E4 . Phone (519) 376-3860

W.J. Lovering . . .	District Manager
M. Gobiel	Admin Officer
S.A. Munroe	Biologist
F.H. Marshall . . .	Senior F & W Tech
V.W. Fisk	Forests
R.J. Manley	Lands
P.H. Baxter	Parks
E.G. Walker	Field Services

WINGHAM DISTRICT

Box 490, Highway 4 South, Wingham,
Ont NOG 2W0 . Phone (519) 357-3131

W.D. Mansell	District Manager
B.G. Griffin	Admin Officer
R.H. Jones	Biologist
H.W. Clark	Recreation
H.R. Lancaster . . .	Forests & Lands

AYLMER DISTRICT

Box 40, 353 Talbot St West, Aylmer,
Ont N5H 2S8 . Phone (519) 773-9241

P.R. Davidson	District Manager
G.B. Fewings	Admin Officer
G.R. Austin	Fish & Wildlife



CANON

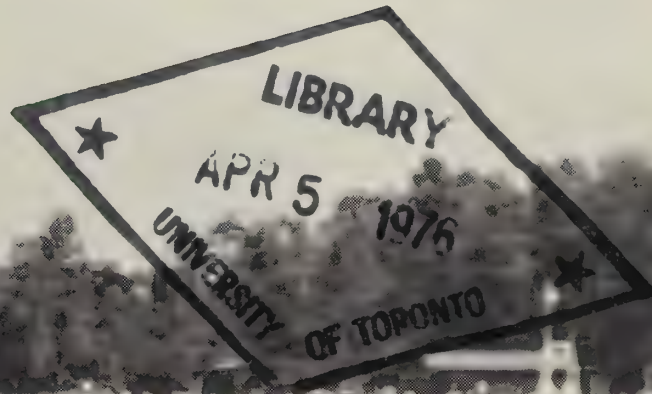
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Ministry of
Natural
Resources

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Ontario

Statistics 1975



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Statistics 1975

A statistical supplement to the Annual
Report of the Minister of Natural Resources
for the year ending March 31, 1975



Ontario

Ministry of
Natural
Resources

Hon. Leo Bernier
Minister

Dr. J. K. Reynolds
Deputy Minister

Statistical Reports

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MINISTRY OF NATURAL RESOURCES*

Hon. Leo Bernier	Minister of Natural Resources.
Dr. J.K. Reynolds	Deputy Minister.
L. Ringham	Assistant Deputy Minister, Northern Ontario.** Northwestern Region North Central Region Northern Region Northeastern Region.
W.T. Foster	Assistant Deputy Minister, Southern Ontario. Algonquin Region Eastern Region Central Region Southwestern Region.
A.J. Herridge	Assistant Deputy Minister, Resources and Recreation. Division of Forests Division of Mines Division of Fish and Wildlife Division of Parks.
J.W. Giles	Assistant Deputy Minister, Lands and Waters. Division of Lands Field Services Division Conservation Authorities Branch.

MINISTERIAL AGENCIES

G.H. Ferguson, Q.C.	Mining and Lands Commissioner.
D.R. Wilson	General Manager, Niagara Parks Commission.
R. F. Harrison	General Manager, St. Clair Parkway Commission.
J. Bird	General Manager, Algonquin Forest Authority.

*Main Office in Whitney Block, Parliament Buildings, Toronto, Ontario M7A 1W3.

**Box 5000, 435 James St. South, Thunder Bay 'F', Ontario P7C 5G6.

MINISTRY REGIONS AND DISTRICTS

— Areas in Square Miles*

NORTHWESTERN REGION

Dryden	4,618	
Fort Frances	4,188	
Ignace	4,426	
Kenora	5,478	
Red Lake	24,751	
Sioux Lookout	<u>43,281</u>	86,742
Pt. Rainy Lake	472	
Pt. Lake of the Woods	<u>937</u>	<u>1,409</u>
Total, Region		<u>88,151</u>

NORTHERN REGION

Chapleau	9,113	
Cochrane	11,859	
Gogama	2,993	
Hearst	9,747	
Kapuskasing	8,195	
Kirkland Lake	5,140	
Moosonee	83,298	
Timmins	<u>3,050</u>	133,395
Pt. Lake Abitibi	<u>305</u>	<u>305</u>
Total, Region		<u>133,700</u>

ALGONQUIN REGION

Algonquin Park	3,620	
Parry Sound	2,775	
Bancroft	1,683	
Bracebridge	2,492	
Minden	1,832	
Pembroke	<u>2,821</u>	15,223
Pt. Georgian Bay	<u>1,496</u>	<u>1,496</u>
Total, Region		<u>16,719</u>

SOUTHWESTERN REGION

Aylmer	2,599	
Chatham	2,853	
Owen Sound	3,018	
Simcoe	1,088	
Wingham	<u>2,660</u>	12,218
Pt. Lake Huron and Lake Erie	11,950	
Pt. Lake St. Clair	<u>260</u>	<u>12,210</u>
Total, Region		<u>24,428</u>

NORTH CENTRAL REGION

Atikokan	4,361	
Geraldton	43,546	
Nipigon	9,874	
Terrace Bay	4,893	
Thunder Bay	10,995	
White River	<u>2,877</u>	76,546
Lake Nipigon	1,933	
Pt. Lake Superior	<u>7,363</u>	<u>9,296</u>
Total, Region		<u>85,842</u>

NORTHEASTERN REGION

Blind River	3,674	
Espanola	3,677	
North Bay	4,119	
Sault Ste Marie	3,055	
Sudbury	4,913	
Temagami	2,647	
Wawa	<u>5,824</u>	27,909
Pt. Lake Huron and Lake Superior	8,589	
Lake Nipissing	315	
Lake Wahnapiatae	<u>56</u>	<u>8,960</u>
Total, Region		<u>36,869</u>

EASTERN REGION

Brockville	1,350	
Cornwall	2,160	
Lanark	1,274	
Napanee	2,524	
Ottawa	1,149	
Tweed	<u>2,504</u>	10,961
Pt. Lake Ontario	<u>1,673</u>	<u>1,673</u>
Total, Region		<u>12,634</u>

CENTRAL REGION

Cambridge	2,757	
Huron	2,529	
Lindsay	2,647	
Maple	1,858	
Niagara	<u>1,031</u>	10,822
Pt. Lake Ontario and Lake Erie	3,131	
Lake Simcoe	<u>286</u>	<u>3,417</u>
Total, Region		<u>14,239</u>

TOTALS

49 Districts	373,816
12 Lakes	<u>38,766</u>
Area of Ontario	412,582

*December 12, 1973,
Surveys and Mapping Branch

DIVISION OF FORESTS

Room W-3610, Main Office.

Telephone (416) 965-3040.

Executive Director	J.W. Lockwood	W-3610 . . 3040
Administration	L. P. Comeau	W-3607 . . 2731
Program Analyst	D. Salie	W-3615 . . 2785

FOREST MANAGEMENT BRANCH

Room W-3628, Main Office.

Telephone (416) 965-2785.

Branch Director	R.M. Dixon	W-3618 . . 2785
Silviculture Section	W.R. Grinnell, Spvr	W-3620A . 2575
Hardwood and Pine	C.J. Heeney	W-3621A . 2575
Boreal Forest	F.C. Robinson	W-3621 . . 2575
Equipment and Techniques	J.D. Scott	W-3632 . . 2575
Tree and Seed Improvement	C.H. Lane	W-3623 . . 2575
Planting Stock	K. Reese	W-3623A . 2575
Advisory Services Section	W.A.G. Thurston, Spvr. . . .	W-3613 . . 2785
Forestry Extension Services	J.F.W. Gourlay	W-3613A . 2785
Silvicultural Assessment	G.E. MacKinnon	W-3615A . 2785
Agreement Administration	D. Holder	W-3631 . . 2785
Pest Control Section	K.B. Turner, Spvr.	W-3618 . . 2785

FOREST TREE PRODUCTION BY MINISTRY NURSERIES

Years	No. of Trees	Years	No. of Trees	Years	No. of Trees
1905-12	1,480,539	1954	24,448,860	1967	51,712,461
1912-25	13,096,866	1955	25,519,383	1968	54,805,170
1925-30	46,642,175	1956	28,351,483	1969	52,157,150
1930-35	51,996,837	1967	31,081,112	1970	62,623,496
1935-40	67,900,012	1958	25,854,262	1971	68,182,719
1940-45	57,617,763	1959	33,414,110	1972	76,597,391
1946	13,175,575	1960	41,682,125	1973	68,161,038
1947	12,269,533	1961	49,833,412	1974	65,362,395
1948	13,049,776	1962	43,194,863	1975	59,794,450
1949	17,700,970	1963	43,767,916		
1950	19,027,807	1964	43,922,685		
1950-52	20,749,268	1965	49,484,068		
1953	24,241,754	1966	49,019,854	Total	1,406,919,279

USE OF NURSERY STOCK — in year ending March 31, 1975

Tree Species	Private Land	Crown Lands and Agreement Forests	Education or Science	Total
White Spruce	2,805,631	20,642,867	92,575	23,541,073
Black Spruce	29,800	9,235,638	1,000	9,266,438
Red Pine	2,477,016	7,753,583	95,550	10,326,149
Jack Pine	65,025	7,540,972	37,000	7,642,997
White Pine	1,086,053	2,105,616	34,950	3,226,619
White Cedar	1,089,934	485,764	750	1,576,448
Scotch Pine	885,989	22,700	800	909,489
Silver Maple	260,518	290,944	4,250	555,712
Norway Spruce	278,954	94,387	5,450	378,791
Carolina Poplar	255,375	154,702	1,875	411,952
Black Walnut	138,125	208,150	2,650	348,925
Red Spruce	2,725	114,550	—	117,275
White Ash	121,135	60,019	4,175	185,329
European Larch	80,670	187,175	200	268,045
Yellow Birch	3,850	133,375	—	137,225
Red Oak	86,671	116,564	550	203,785
Multiflora Rose	21,625	30,625	4,175	56,425
Black Locust	95,250	48,150	400	143,800
Tamarack	275	40,750	—	41,025
Hemlock	325	48,226	—	48,551
Autumn Olive	10,800	30,975	—	41,775
Cottonwood	41,575	45,500	25	87,100
Other Species	49,203	219,919	10,400	279,522
Total	9,886,524*	49,611,151**	296,775	59,794,450

*Excluding W.I.A.

**Including 7,955,515 W.I.A.

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS –

in years ending March 31

County or District	1971	1972	1973	1974	1975
Algoma	92,325	116,300	127,200	118,600	180,905
Brant	226,175	237,175	271,912	216,270	309,792
Bruce	254,852	249,035	291,375	136,883	148,850
Cochrane	29,300	—	6,500	15,750	1,400
Dufferin**	456,275	426,360	696,131	266,875	342,780
Dundas	86,325	40,325	142,825	4,314	44,451
Durham**	619,071	439,234	497,565	293,985	225,480
Elgin	327,900	330,370	471,965	152,384	104,600
Essex	84,350	123,685	145,639	113,050	117,075
Frontenac	280,925	222,050	268,900	61,800	184,550
Glengarry	187,025	317,930	370,525	1,600	145,495
Grey	858,235	713,394	1,121,355	439,648	398,150
Haldimand	112,190	112,750	62,775	61,020	138,900
Haliburton	186,150	153,550	186,675	44,600	70,450
Halton	428,150	273,457	311,385	247,065	291,125
Hastings	572,000	540,075	526,350	157,025	151,875
Huron	193,550	159,915	374,275	169,689	254,145
Kenora	187,400	251,550	272,250	244,250	275,950
Kent	30,050	93,750	118,700	143,650	172,100
Lambton	99,445	62,050	161,960	121,225	149,200
Lanark	488,925	626,600	623,475	79,450	114,255
Leeds & Grenville . .	277,775	378,756	273,910	225,740	195,470
Lennox & Addington .	162,375	120,875	134,025	118,750	102,100
Manitoulin	7,175	3,550	3,400	—	13,100
Middlesex	349,341	552,522	576,907	432,093	336,408
Muskoka	194,050	146,285	106,775	79,925	85,775
Niagara	—	305,622	219,202	280,710	303,175
Nipissing	69,325	84,925	78,825	159,350	43,030
Norfolk	191,470	241,655	236,830	293,455	184,061
Northumberland** . .	362,043	383,255	429,930	131,677	145,141
Ontario**	533,130	430,565	372,225	316,625	209,875
Ottawa-Carleton . . .	576,675	523,280	649,371	148,880	224,257
Oxford	293,900	340,327	294,850	220,205	269,700
Parry Sound	412,175	354,750	286,750	149,000	137,075
Peel	471,385	303,485	427,575	466,382	354,980
Perth	146,775	140,027	240,000	141,490	116,382
Peterborough	476,455	341,075	552,150	144,903	126,569
Prescott	301,800	249,150	124,425	600	80,675
Prince Edward	40,900	29,800	87,350	33,000	48,800
Rainy River	249,975	186,600	310,750	44,180	36,900
Renfrew	1,281,050	850,159	647,300	150,825	372,450
Russell	170,200	116,350	176,985	7,257	89,150
Simcoe	1,057,545	1,201,862	1,250,260	980,617	697,295

**Adjustment in figures pending due to the formation of the Regional Municipality of Durham.

County or District	1971	1972	1973	1974	1975
Stormont	64,325	136,385	187,650	426,550	27,945
Sudbury	255,050	251,875	214,275	265,000	122,050
Thunder Bay	276,275	328,260	335,448	248,570	181,525
Timiskaming	6,550	17,475	16,175	15,900	35,150
Victoria	115,575	184,400	215,775	69,965	89,305
Waterloo	235,325	199,902	267,925	194,425	174,025
Wellington	456,550	535,748	690,664	568,610	511,508
Wentworth	436,820	323,487	490,299	364,284	349,490
York	420,185	382,745	448,670	430,429	401,630
Total	16,123,942	15,666,207	17,907,113	*10,201,430	*9,886,524

*Excluding W.I.A.

FOREST AREAS MANAGED BY THE MINISTER —

in Acres at March 31, 1975

Agreement Holders	Date of Agreement	Added 1974-5	Released 1974-5	Total
GOVERNMENT OF CANADA				
National Capital Commission	Aug 16, 1961	....	....	3,532.00
24 CONSERVATION AUTHORITIES				
Ausable Bayfield	Dec 13, 1951	...	...	4,299.00
Cataraqui Region	Dec 1, 1971	...	...	844.00
Catfish Creek	Dec 19, 1962	...	...	501.00
Central Lake Ontario	Sep 24, 1963	...	...	194.13
Crowe Valley	Aug 21, 1963	...	...	200.00
Ganaraska	Jan 31, 1947	...	...	8,548.60
Grand River	Mar 18, 1952	...	44.50	5,839.87
Hamilton Region	Oct 19, 1962	...	...	12.50
Lakehead Region	May 15, 1958	...	12.50	1,244.20
Long Point Region	Dec 2, 1954	137.43	...	6,131.80
Lower Thames Valley	Aug 12, 1964	...	...	300.00
Maitland Valley	Apr 1, 1955	...	...	849.00
Metropolitan Toronto & Region . .	Apr 11, 1951	...	...	1,928.00
Moirs River	Nov 28, 1951	50.00	...	17,302.00
Napanee Region	Oct 28, 1954	...	...	6,666.00
Niagara Peninsula	Jun 6, 1963	...	...	186.00
North Grey Region	Jun 25, 1958	...	...	7,255.00
Otonabee Region	May 15, 1963	...	...	2,643.00
Raisin Region	May 25, 1971	140.00	...	340.00
Sauble Valley	Sep 29, 1959	...	...	3,816.00
Saugeen Valley	Dec 15, 1952	...	50.00	14,067.97
South Nation River	Mar 28, 1960	100.00	...	5,521.58
St. Clair Region	Jul 13, 1965	...	...	150.00
Upper Thames River	Apr 11, 1951	...	...	3,443.32
Sub-Total		427.43	107.00	92,282.97

Agreement Holder	Date of Agreement	Added 1974-5	Released 1974-5	Total
11 TOWNSHIPS				
Bonfield	Apr 1, 1952	....	....	60.00
Charlottenburgh	Apr 1, 1955	....	....	175.00
Cramahe	Jan 4, 1964	....	....	162.00
Cumberland	May 29, 1952	....	....	808.44
Darlington	Aug 19, 1964	....	....	140.00
Galway & Cavendish	Nov 1, 1952	....	....	619.00
Machar	Dec 30, 1963	....	....	90.00
Marlborough	Nov 21, 1953	....	....	200.00
Mosa	Jul 16, 1964	....	....	144.00
Torbolton	Mar 28, 1953	....	....	430.80
Williamsburg	Oct 19, 1962	....	....	400.00
Sub-Total . . . . .		....	....	3,229.24
19 COUNTIES				
Brant	Nov 15, 1952	...	...	50.00
Bruce	Jan 20, 1950	...	100.00	15,433.35
Dufferin	Nov 26, 1930	...	...	2,505.00
Grey	Dec 21, 1937	...	...	8,378.08
Huron	Nov 27, 1950	...	...	1,589.00
Kent	Dec 23, 1953	...	...	75.39
Lanark	Jul 5, 1940	250.00	...	7,475.00
Leeds & Grenville	Apr 24, 1940	190.00	...	12,911.00
Lennox & Addington	Apr 3, 1952	...	...	1,181.00
Middlesex	Mar 8, 1954	...	...	1,893.90
Northumberland & Durham**	Jun 10, 1924	...	...	5,834.55
Ontario**	Jul 9, 1930	...	...	5,161.49
Oxford	Sep 1, 1950	132.00	...	848.56
Prescott & Russell	Mar 15, 1937	...	...	26,041.93
Renfrew	Dec 26, 1951	72.23	5.22	15,448.01
Simcoe	Jun 19, 1925	200.00	21.56	24,203.57
Stormont, Dundas & Glengarry	Sep 20, 1949	225.00	...	6,243.68
Victoria	Aug 10, 1928	...	...	8,544.56
Wellington	Jun 18, 1964	...	...	1,100.00
Sub-Total		1,069.23	126.78	144,918.07
5 REGIONAL MUNICIPALITIES				
Halton	Mar 14, 1950	...	...	1,498.63
Hamilton-Wentworth	Nov 27, 1952	...	8.35	980.95
Ottawa-Carleton	Jul 30, 1964	...	...	3,890.00
Waterloo	Apr 17, 1950	8.22	...	718.70
York	Mar 27, 1924	...	...	4,865.00
Sub-Total		8.22	8.35	11,953.36
TOTAL, 60 Managed Forest Areas		1,504.88	242.13	255,915.64

**Adjustment in acreage figures pending because of formation of the Regional Municipality of Durham.

SILVICULTURAL OPERATIONS — Areas in acres in year ending March 31, 1975

Treatment	Crown Lands	Agreement Forest	WIA*	Sub- Total	Other Patent Lands	Total
REGENERATION						
Nursery stock planted	55,952	1,370	10,167	67,489	6,419	73,908
Container stock planted	5,353	—	—	5,353	—	5,353
Seeding	59,869	—	—	59,869	—	59,869
Modified harvest cut	19,906	135	—	20,041	—	20,041
Scarification	11,314	—	6	11,320	—	11,320
Seed trees	11,519	—	—	11,519	—	11,519
Sub-Total	163,913	1,505	10,173	175,591	6,419	182,010
TENDING						
Hand cleaning	12,446	1,468	34	13,948	25	13,973
Herbicide spraying**	21,241	766	380	22,387	—	22,387
Improvement Cuts	28,600	6,800	5,114	40,514	1,441	41,955
Pruning	1,341	830	576	2,747	—	2,747
Fertilization, drainage	485	1,002	44	1,531	—	1,531
Sub-Total	64,113	10,866	6,148	81,127	1,466	82,593
TOTAL, Area Treated	228,026	12,371	16,321	256,718	7,885	264,603
SITE PREPARATION*** 76,863	76,863	778	2,310	79,951	25	79,976
TREE MARKING 87,269	87,269	6,054	6,708	100,031	8,209	108,240

CLASSIFICATION OF CUTOVER — Areas in acres in year ending March 31, 1975

CUTTING METHOD ON CROWN LAND AND PATENT LAND	Regeneration Required	Satisfactory Natural Regeneration	Regeneration Not Required	Total
Clear Cut	240,887	116,467	.....	357,354
Selection Cut . . . . .	.....	61,720	.....	61,720
Partial Cut . . . . .	.....	.....	57,260	57,260
TOTAL	240,887	178,187	57,260	476,334

* Agreements under The Woodlands Improvement Act.

** Includes girdling, frilling and poisoning.

*** Preparation for seeding, planting or modified harvest cutting.

CROWN LANDS TREATED — Areas in acres in years ending March 31

Silvicultural Operations	1971	1972	1973	1974	1975
REGENERATION					
Site prep for nat regeneration . . .	14,293	21,936	10,014	9,126	11,314
Modified harvest system	6,664	27,517	37,234	20,984	19,906
Seed tree system	4,227	7,751	5,480	11,173	11,519
Planting	76,639	87,955	75,477	65,241	61,305
Direct Seeding	21,311	22,161	21,749	25,094	59,869
Sub-Total	123,134	167,320	150,044	131,618	163,913
TENDING					
Hand cleaning	8,078	16,170	9,656	13,353	12,446
Herbicide spraying**	21,761	44,785	8,609	8,815	21,241
Improvement cuts, thinning . . .	5,742	9,358	17,202	29,079	28,600
Pruning	3,722	4,392	2,542	3,067	1,341
Fertilization, drainage	1,177	1,177	896	313	485
Sub Total	40,480	75,882	38,905	54,627	64,113
Total	163,614	243,202	188,949	186,245	228,026
Site Preparation***	52,703	57,796	57,765	71,933	76,863
Marking	18,771	2,393	32,152	77,520	87,269
TOTAL, Area Treated	235,088	303,391	278,866	335,698	392,518

** Includes girdling, frilling and poisoning.
*** Preparation for seeding, planting or modified harvest cutting.

DIVISION OF FORESTS

TIMBER SALES BRANCH

Room W-3503, Main Office. Telephone (416) 965-2731.

Branch Director	D. P. Drysdale	W-3508 . .	.2731
Management Plans	J. D. Hughes	W-3635 . .	.7631
Crown Management Units	G. A. Cameron	W-3636 . .	.7631
	G. Protich	W-3636 . .	.7631
Company Management Units	J. E. Osborn	W-3637 . .	.7631
Timber Allocation	J. R. Keddie	W-3506 . .	.2731
Licences	D. A. Denton	W-3507 . .	.2731
Wood Measurement	J. H. Butts	W-3505 . .	.2731
Data Processing	R. G. Johnson	W-3504 . .	.2731
Industry Development	L. Lambert	W-3509 . .	.2731
Forest Mensuration	J. A. Mervart	W-3510 . .	.2731
Industry Liaison	R. J. Hall	NE-756 . .	.5760
Resource Economics	I. A. Nausedas	W-3510A .	.2731

MANAGEMENT UNITS — Areas in Square Miles at March 31

Year	CROWN LAND FORESTS				AGREEMENT FORESTS			
	Crown No.	Area.	Company No.	Area.	Total No.	Area	No.	Area
1965	81	88,214.7	71	100,476.4	152	188,691.1	59	280.1
1966	78	89,122.1	67	97,726.0	145	186,848.1	60	315.2
1967	78	90,665.0	66	99,342.9	144	190,007.9	60	328.8
1968	77	91,987.0	66	99,351.0	143	191,338.0	60	339.6
1969	77	93,052.0	57	93,126.0	134	186,178.0	60	350.0
1970	79	94,644.0	57	93,613.0	136	188,257.0	60	360.0
1971	87	102,738.0	57	89,985.0	144	192,723.0	60	360.0
1972	86	100,566.0	57	89,985.0	143	190,551.0	60	360.0
1973	86	100,757.0	57	89,985.0	143	190,742.0	60	381.0
1974	88	110,107.0	31	79,347.0	119	189,454.0	60	389.0
1975	88	110,107.0	31	79,347.0	119	189,454.0	60	399.9

TIMBER LICENCES — Areas in Square Miles at March 31

Year	No. of Licences	Under Section 2	Under Section 3	Under Section 5	Total Area Licensed
1965	590	2,564.98	103,347.49	4.90	105,917.37
1966	533	2,466.68	100,362.79	1.20	102,830.67
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4
1973	505	286.8	94,290.4	100.1	94,677.3
1974	500	284.9	91,971.5	37.5	92,293.9
1975	480	280.5	96,923.8	51.7	97,256.0

MILL LICENCES

Type of Mill	1971	1972	1973	1974
Saw Mills, 8-hour capacity				
Lumber over 50M fbm	35	41	67	60
Lumber . . .10M to 50M fbm	79	88	96	104
Lumber . . . under 10M fbm	560	536	531	570
Misc. Sawn Products	91	83	49	40
Saw Mills, Total	765	748	743	774
Veneer Mills	27	29	25	26
Pulp Mills	24	23	23	24
Total	816	800	791	824

TIMBER HARVESTED ON CROWN LANDS --- in 000s cubic foot and \$000s in years ending March 31

Species	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
SOFTWOOD											
Balsam. . . .	11,454	10,044	11,366	14,525	12,225	13,677	11,464	10,656	13,695	14,868	15,541
Cedar	177	170	205	567	255	185	148	358	299	466	478
Hemlock . . .	3,128	2,694	2,759	2,855	2,355	2,251	1,519	1,707	1,707	2,162	1,204
Jack Pine . .	89,613	99,930	111,791	107,875	114,166	121,391	115,284	127,311	138,445	157,509	154,346
Red Pine . .	7,297	6,767	6,962	7,022	4,572	4,571	3,767	3,897	4,231	6,569	7,218
Scots Pine. .	17	.....	.....	.....	.....	.....	14	32	.....	.....	.....
White Pine .	24,769	24,702	22,073	24,316	17,389	14,290	11,673	12,207	16,166	19,213	16,658
Spruce . . .	195,017	197,935	223,502	220,569	198,982	221,448	203,886	183,011	216,261	241,632	249,506
Tamarack. .	98	73	86	120	61	22	11	48	53	60	165
Mixed	445	419	449	659	302	356	257	106	136	50	149
HARDWOOD											
Ash	104	143	85	76	125	53	33	63	45	63	30
Basswood . .	480	465	360	462	392	325	262	426	235	393	275
Beech	359	480	432	351	255	332	218	381	383	451	354
W. Birch . .	3,332	3,203	2,964	5,654	3,430	2,241	1,669	2,107	2,466	2,639	2,764
Y. Birch . .	8,983	8,284	7,400	8,370	5,780	4,588	4,059	4,863	5,186	3,991	4,024
Butternut . .	1	1	1	2	1	1	.....	.....	.....	1	1
Cherry . . .	30	25	25	20	14	20	19	42	32	32	19
Elm	278	384	247	423	199	170	133	188	114	122	80
Maple	8,459	8,323	9,041	10,004	5,963	5,235	4,807	7,605	6,740	7,576	8,268
Oak	348	387	321	282	331	311	242	285	303	363	248
Poplar	20,654	21,205	21,260	27,682	22,535	24,994	21,338	23,848	27,726	31,495	38,032
Mixed	1,166	744	2,140	4,062	6,705	13,889	14,983	10,530	9,275	16,029	13,399
TOTALS											
Softwood . .	332,014	342,196	379,193	378,508	350,407	378,191	348,022	339,333	390,993	442,529	445,267
Hardwood . .	44,195	43,645	44,276	57,388	45,730	52,159	47,762	50,338	52,505	63,155	67,493
Total	376,209	385,841	423,469	435,895	396,137	430,350	395,785	389,671	443,497	505,684	512,760
Value * . . .	13,417	13,416	14,528	14,832	13,809	14,428	12,829	12,183	13,856	15,480	27,166

* Export Levy not included.

TIMBER HARVESTED ON CROWN LANDS — in 000s cubic feet and \$000s in years ending March 31

Year	Cords		Cubic Feet		Foot Board Measure			Weight	Other	Total	Stumpage Value
	Softwood	Hardwood	Softwood	Hardwood	Grade 1	Grade 2	Grade 3				
1975	105,179	19,987	249,250	14,239	5,166	4,379	3,073	109,313	2,173*	512,760	\$27,166

*Includes 2,138,449 cubic feet of timber measured in net merchantable board foot measure during the month of April, 1974. A new basis of measurement and an interim revision to Crown dues was implemented as of May 1, 1974.

TIMBER HARVESTED ON CROWN LANDS — in year ending March 31, 1975

Unit of Measurement Tree Species	Equivalent Cubic Feet	Stumpage Value
CORDS, ROUGH		
White Pine	531,363.90	\$ 32,205.51
Red Pine	167,133.80	10,861.11
Jack Pine	27,432,530.84	1,116,122.30
Pine, Mixed	12,687.95	772.66
Spruce, Mixed	49,372,228.90	2,498,963.91
Hemlock	139,133.10	8,063.56
Balsam	2,166,149.36	113,686.79
Cedar	82,563.05	4,365.67
Tamarack	66,346.75	3,367.23
Softwoods, Mixed	25,072.45	1,485.34
White Birch	556,026.59	10,260.04
Ash	643.45	9.03
Poplar	17,522,754.20	237,058.25
Hardwoods, Mixed	804,611.67	39,614.76
Sub-Total	98,879,246.01	\$ 4,076,836.16
CORDS, PEELED		
Jack Pine	2,810,935.98	\$ 88,314.24
Spruce, Mixed	20,673,301.00	764,332.67
Balsam	1,598,886.80	52,155.61
Poplar	414,657.00	6,730.74
Sub-Total	25,497,780.78	\$ 911,533.26
CUBIC FEET		
White Pine	11,736,037.23	\$ 1,134,598.49
Red Pine	4,601,612.43	442,661.48
Jack Pine	85,008,030.03	4,877,648.39
White Spruce	1,630,622.75	97,420.99
Black Spruce	14,873,981.88	852,542.55
Spruce, Mixed	121,574,801.51	7,024,261.23
Hemlock	806,237.54	61,000.77
Balsam	8,554,459.61	497,410.11
Cedar	353,757.32	27,190.55
Tamarack	99,004.39	6,572.39
Softwoods, Mixed	10,507.00	734.04
White Birch	2,117,224.81	56,693.74
Ash	469.46	5.55
Poplar	11,941,672.96	210,198.32
Hardwoods, Mixed	179,796.57	1,738.25
Sub-Total	263,488,215.49	\$15,290,676.85
BOARD FOOT MEASURE, GRADE 1		
Maple	3,103,270.87	\$ 456,168.45
Yellow Birch	1,714,730.93	340,636.81
Oak	82,058.58	13,888.55
Beech	125,331.87	19,473.01
Ash	8,801.29	1,463.61
Elm	40,366.27	6,641.07

Unit of Measurement Tree Species	Equivalent Cubic Feet	Stumpage Value
Basswood	81,899.30	\$ 13,910.87
Butternut	390.51	66.05
Cherry	9,057.17	1,323.39
Sub-Total	5,165,906.79	\$853,571.81

BOARD FOOT MEASURE, GRADE 2

Maple	2,718,586.89	\$223,644.96
Yellow Birch	1,304,377.42	163,012.44
Oak	68,601.57	6,926.58
Beech	150,571.46	13,275.52
Ash	11,295.33	1,087.24
Elm	28,302.27	3,081.31
Basswood	87,887.20	9,100.07
Butternut	283.02	24.27
Cherry	8,887.27	650.62
Sub-Total	4,378,792.43	\$420,803.01

BOARD FOOT MEASURE, GRADE 3

Maple	2,189,336.79	\$ 31,995.42
Yellow Birch	654,521.31	11,908.70
Oak	77,502.58	1,998.36
Beech	51,323.55	845.92
Ash	6,296.16	147.16
Elm	4,754.51	144.14
Basswood	88,781.23	1,661.91
Hickory	7.66	.13
Butternut	183.93	9.25
Cherry	466.11	20.38
Sub-Total	3,073,173.83	\$ 48,731.37

BOARD FOOT MEASURE, NET MERCHANTABLE*

White Pine	734,310.31	\$ 55,341.47
Red Pine	196,958.79	13,969.18
Jack Pine	156,344.77	3,883.85
Spruce, Mixed	164,166.34	8,647.50
Hemlock	37,294.01	1,047.82
Balsam	8,590.46	359.60
Cedar	6,281.24	231.87
Tamarack	78.50	4.20
Maple	256,964.80	25,249.44
Yellow Birch	349,977.37	31,845.51
White Birch	91,020.02	2,985.97
Oak	19,383.53	1,349.78
Beech	26,876.65	1,316.33
Ash	2,651.30	339.31
Elm	6,648.22	1,330.99
Basswood	16,093.88	1,704.42

*Board foot measure, net merchantable volume, was abolished as a unit of measure on May 1, 1974, with the introduction of log grading of tolerant hardwood species. The volume shown in this class was measured during the month of April, 1974.

Unit of Measurement Tree Species	Equivalent Cubic Feet	Stumpage Value
Butternut	93.97	\$ 2.11
Cherry	195.09	10.93
Poplar	64,519.83	1,648.79
Sub-Total	2,138,449.08	\$ 151,269.07
WEIGHED WOOD		
White Pine	3,656,507.09	\$ 290,475.70
Red Pine	2,252,596.97	164,983.53
Jack Pine	38,938,298.03	2,068,220.56
Spruce, Mixed	41,217,309.20	2,383,807.14
Hemlock	221,454.09	12,650.06
Balsam	3,213,208.48	177,186.63
Poplar	8,088,242.75	115,925.28
Hardwoods, Mixed	11,725,876.36	186,548.23
Sub-Total	109,313,492.97	\$ 5,399,797.13
FUELWOOD, CORDS		
Softwoods, Mixed	100,661.25	\$ 1,211.00
Hardwoods, Mixed	646,420.75	10,046.03
Sub-Total	747,082.00	\$ 11,257.03
MISCELLANEOUS		
Poker Poles, Cords		
Hardwoods, Mixed	42,267.95	\$ 745.91
Posts, Cubic Feet		
Cedar	1,088.48	23.96
Christmas Trees, Lin. Feet		
Spruce, Mixed	40.00	12.50
Posts, Lin. Feet		
Red Pine	85.00	5.00
Cedar	34.583.27	612.96
Sub-Total	78,064.70	\$1,400.33
TOTAL TIMBER HARVESTED	512,760,204.08	\$27,165,876.02

Number of District Cutting Licences issued and included in above: 3,010.

DIVISION OF FORESTS

FOREST RESEARCH BRANCH

Maple, Ontario L0J 1E0. Telephone (416) 832-2261.

Branch Director	D.H. Burton	Extension 317
Tree Biology		
Hardwood Quality	H.W. Anderson	Extension 312
Root Development	Dr. D.C.F. Fayle	Extension 332
Frost Hardiness and Dormancy	C. Glerum	Extension 316
Tree Breeding and Improvement		
Poplar, Hard and Soft Pines	Dr. L. Zsuffa	Extension 295
Spruce	R.M. Rauter	Extension 295
Tree Nutrition	R.H. Leech	Extension 306
Foliar Analysis	Y.T. Kim	Extension 306
Site		
Classification and Nutrients	Dr. D. Burger	Extension 318
Moisture	G. Pierpoint	Extension 331
Poplar Site/Growth	G.A. Sinclair	Extension 324
Mensuration	A.F. Beckwith	Extension 265
	G. Stroempl	Extension 311
Fire Control	R.J. Drysdale	Extension 302
Forest Economics	J. Holowacz	Extension 286
Development	V.H.H. Williamson	Extension 301
Mechanics	V.W. McMullen	Extension 232
Southern Ontario Hardwoods		
Lowlands	H.C. Larsson	Extension 264
Uplands	P. Jaciw	Extension 284

FIELD UNITS

Box 960, Thunder Bay P, Ont P7B 5G5		
White Spruce	N.F. Lyon	(807) 767-1607
Black Spruce	K. Maclain	1607
Balsam Fir	A. Lehela	1607
Poplar	J. A. Kemperman	1607
Box 490, Sault Ste Marie, Ont P6A 5M7		
Spruce	Dr. A. G. Gordon	(705) 256-8461
Dorset, Ont P0A 1E0		
Tolerant Hardwood Management	M.M. McLean	(705) 766-2242
Midhurst, Ont L0L 1X0		
Nursery Stock	Dr. R.E. Mullin	(705) 726-7640

DIVISION OF MINES*

Room W-6317, Main Office.

Telephone (416) 965-4271.

Executive Director	G.A. Jewett	W-6317 . . 4271
Administration	H.E. Cook	W-4404 . . 2461
Mine Assessor	(See Mineral Resources Branch, Page 25)	

GEOLOGICAL BRANCH

Room W-2329, Main Office.

Telephone (416) 965-1283.

Branch Director	Dr. E.G. Pye	W-2329 . . 1283
Geoservices Section	C.R. Kustra, Spvr	W-2313 . . 5503
Assessment Files Research	G.T. Stevens	W-1606 . . 6139
Geoscience Data Centre	H.A. Groen	W-2413 . . 4641
Geoscience Information	E.B. Freeman	W-2411 . . 4641
Scientific Review	Mrs. G.M. Scott	W-2309 . . 4536
Technical Services Officer	T.Bell	W-2417 . . 7046
Geophysics-Geochemistry Section	Dr. K. D. Card, Spvr	W-2331 . . 1466
Mineral Deposits Section	J.A. Robertson, Spvr	W-2323 . . 1466
Phanerozoic Geology Section	Dr. D.F. Hewitt, Spvr	W-2401 . . 1182
Paleozoic Group	Dr. P. Telford	W-2419 . . 1183
Quaternary Group	Dr. W. R. Cowan	W-2422 . . 1183
Precambrian Geology Section	Dr. V.G. Milne, Spvr	W-2326 . . 1321
North Archean Group	P.C. Thurston	W-2334 . . 1827
Central Archean Group	W.O. Mackasey	W-2338 . . 1697
South Archean Group	Dr. D.R. Pyke	W-2322 . . 1546
Proterozoic Group	(To be appointed) . . . . .	.....
Special Projects Section	(To be appointed) . . . . .	.....

*See Mining Lands and Prospecting Activities under Lands Administration Branch

GEOSERVICES EDUCATIONAL CLASSES

Numbers of Classes and Registrations (Classes began in years indicated)

Year	BASIC COURSE (1894)		SPECIAL TOPICS Course (1967)		INDIAN CLASSES (1968)		FIELD COURSE (1968)	
	Cl	Reg	Cl	Reg	Cl	Reg	Cl	Reg
1964	2	171	..	..	..	..	..	..
1965	3	187	..	..	..	..	..	..
1966	4	300	..	..	..	..	..	..
1967	4	327	1	78	..	..	..	..
1968	7	715	1	72	4	92	1	18
1969	7	594	1	82	4	200	1	20
1970	13	1,038	2	155	4	212	1	18
1972	15	1,602	1	63	5	172	1	35
1973	16	1,302	1	187	4	...	2	35
1974	8	1,085	1	96	..	...	2	39

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)

Summary of Approved Expenditures in years ending March 31

AREA	1972	1973	1974	1975	Area Total
	\$	\$	\$	\$	\$
COBALT-GOWGANDA					
Company Expenditures . .	166,927	452,618	519,856	186,029	1,325,430
Government Payments . .	55,642	150,873	134,276	62,010	402,801
GERALDTON-BEARDMORE					
Company Expenditures . .	92,932	428,595	326,801	247,267	1,095,595
Government Payments . .	30,977	142,865	75,419	82,422	331,683
KIRKLAND LAKE					
Company Expenditures . .	127,846	279,350	372,808	330,160	1,110,164
Government Payments . .	42,615	93,117	89,921	110,053	335,706
RED LAKE					
Company Expenditures . .	4,293	247,912	689,025	126,745	1,067,975
Government Payments . .	1,431	82,637	195,811	42,248	322,127
ATIKOKAN					
Company Expenditures . .	.....	.....	.....	33,691	33,691
Government Payments . .	.....	.....	.....	11,230	11,230
TOTAL					
Company Expenditures . .	391,998	1,408,475	1,908,490	923,892	4,632,855
Government Payments . .	130,665	469,492	495,427	307,963	1,403,547

LIST OF FIELD PARTIES

Geological Branch, 1974

No.	Location	Leaders
PRECAMBRIAN GEOLOGY SECTION		
1	Earngley-Costello Township Area	P. C. Thurston
2	Miminiska Lake Area	Henry Wallace
3	Operation Kenora-Sydney Lake	F. W. Breaks W. D. Bond G. H. McWilliams C. Gower
4	Sturgeon-Lake-Chevrier Township Area	N. F. Trowell
5	Farrington Lake Area	J. R. Trusler
6	Sandybeach Lake Area	P. A. Palonen A. A. Speed
7	Pipestone Lake Area	G. R. Edwards
8	Boyer Lake Area	C. E. Blackburn
9	Sapawe Lake Area	W. H. McIlwaine E. M. Hillary
10	Lapierre and Hipel Townships	W. O. Mackasey
11	Gledhill Lake Area	S. E. Amukun
12	Slate Islands	R. P. Sage
13	Carbonatite-Alkalic Complex at Prairie Lake	R. P. Sage
14	Batchawana-Pangis Area	G. M. Siragusa
15	Watabeag River Area	D. R. Pyke
16	Ramore Area	L. S. Jensen
17	Bayly Township	H. L. Lovell
18	Natal and Knight Townships	M. W. Carter
19	Jarvis Lake-Garden River Area	Gerald Bennett
20	Endikai Lake Area	K. M. Siemiatkowska
21	Benny Area	K. D. Card D. G. Innes
22	Cavendish and Anstruther Townships	E. G. Bright
23	Mattawa-Deep River Area	S. B. Lumbers
GEOPHYSICS/GEOCHEMISTRY SECTION		
24	Geochemical and Quaternary Geological Studies of Carbonatite-Alkalic Complexes at Prairie & Killala Lakes	L. G. Closs E. V. Sado
25	Geochemical Studies within Beardmore-Geraldton Area	L. G. Closs
26	Geochemical Studies in Elliot Lake Area	L. G. Closs
27	Gravity Survey of Sturgeon Lake Area	R. B. Barlow
28	Magnetic Survey of Northern Part of Sturgeon Lake Area	R. B. Barlow
PHANEROZOIC GEOLOGY SECTION		
29	Quaternary Geological Studies in Beardmore-Geraldton Area	E. V. Sado
30	Quaternary Geology of Hawkesbury, Huntingdon, Lachute and Vaudreuil Areas	O. H. J. Gwyn J. J. L. Thiba
31	Quaternary Geology of Merrickville Area	D. R. Sharpe
32	Quaternary Geology of Barrie and Orr Lake Areas	G. J. Burwasser
33	Quaternary Geology of Wingham and Lucknow Areas	W. R. Cowan
34	Quaternary Geology of Grand Bend and Parkhill Areas	A. J. Cooper
35	Quaternary Geology of Grimsby Area	B. H. Feenstra
36	Paleozoic Geology of Fort Erie, Welland, and Dunnville Areas	P. G. Telford

ASSESSMENT FILES RESEARCH

Office Operations	1969	1970	1971	1972	1973	1974	1946-74
FILES ADDED							
Technical Surveys and Summaries for Assessment Credit	273	526	473	377	277	300	5,157
MEAP			8	88	59	50	205
Ontario Securities Commission and Misc.			55	93	85	60	293
Drilling Reports	649	551	670	535	556	335	6,861
OPERATIONS							
Enquiries	1,209	1,849	2,050	2,178	3,151	4,416	.....
Files Examined	2,922	6,612	10,598	10,238	10,886	9,216	.....
Control Maps Examined . . .	2,527	6,191	6,266	6,843	6,856	5,962	.....

DIVISION OF MINES

MINERAL RESOURCES BRANCH

3rd Floor, 880 Bay St. Toronto, Ont. M5S 1Z8. Telephone (416) 965-1559.

Branch Director and Mine Assessor	Dr. T. P. Mohide	1559
Mineral Taxation Assessment Section	J. R. Hawkins	1017
Mineral Economics Section	Dr. G. Anders, Acting Spvr	1311
Metallic Minerals Section	Spvr (vacancy)	1311
Industrial Minerals Section	C. F. Foster, Spvr	1172
Pits and Quarries	T. W. Fletcher, Spvr	3127
Petroleum Resources Section	D. D. McLean, Spvr	1981

ONTARIO MINERAL PRODUCTION IN 1973 AND 1974

1973 figures show final completion of shipments
1974 figures are Statistics Canada preliminary.

. . Figures Not Available
— Nil or Zero

METALLIC MINERALS	Unit	1973		1974	
		Quantity	Value	Quantity	Value
			\$		\$
Antimony	lb	—	—	—	—
Bismuth	lb	4,077	20,059	20,000	163,000
Cadmium	lb	2,764,697	10,063,497	2,770,000	10,984,000
Calcium	lb	651,921	489,813	1,018,000	897,000
Cobalt	lb	2,528,297	6,913,957	3,566,000	12,110,000
Columbium (Cb ₂ O ₅) . .	lb	—	—	—	—
Copper	lb	574,646,559	365,305,858	639,483,000	498,220,000
Gold	oz	922,303	89,843,380	795,000	124,370,000
Indium	oz	—	—	—	—
Iron Ore	ton	12,424,318	152,468,574	11,817,000	172,188,000
Iron, remelt	ton	—	—	—	—
Lead	lb	22,992,009	3,710,910	21,797,000	4,513,000
Magnesium	lb	13,679,528	5,482,588	13,070,000	9,073,000
Mercury	lb	—	—	—	—
Molybdenum	lb	—	—	—	—
Nickel	lb	393,293,298	574,786,081	468,946,000	761,640,000
Platinum group	oz	352,909	41,844,285	360,000	65,776,000
Selenium	lb	94,950	867,843	124,000	1,173,000
Silver	oz	19,617,406	49,553,568	17,674,000	81,566,000
Tantalum (Ta ₂ O ₅) . .	lb	—	—	—	—
Tellurium	lb	15,346	93,150	20,000	137,000
Thorium	lb	—	—	—	—
Tin	lb	—	—	—	—
Tungsten (WO ₃) . . .	lb	—	—	—	—
Uranium (U ₃ O ₈) . . .	lb	8,114,567	. .	8,307,000	. .
Yttrium (Y ₂ O ₃) . . .	lb	. .	. .	—	—
Zinc	lb	912,729,270	220,387,609	930,519,000	324,751,000
Total Value, Metallics			\$1,521,831,172		\$2,067,561,000

STRUCTURAL MATERIALS	Unit	1973		1974	
		Quantity	Value	Quantity	Value
			\$		\$
Clay Products	ton	. .	34,600,965	. .	37,810,000
Cement	ton	4,197,754	85,634,181	4,438,000	90,535,000
Lime	ton	1,236,382	19,782,112	1,354,000	21,665,000
Sand and Gravel . . .	ton	80,567,636	74,408,416	84,500,000	80,100,000
Stone	ton	35,539,327	52,869,733	38,000,000	55,800,000
Total Value, Structural Materials			\$ 267,295,407		\$ 285,910,000

bbl = 35.0 Imperial gallons. Mcf = 1,000 cubic feet.

NON-METALLICS	Unit	1973		1974	
		Quantity	Value	Quantity	Value
			\$		\$
Arsenious Oxide	lb	—	—	—	—
Asbestos . . . . .	.ton	35,928	3,888,085	17,000	1,771,000
Barite . . . . .	.ton	—	—	—	—
Diatomite . . . . .	.ton	—	—	—	—
Feldspar . . . . .	.ton	—	—	—	—
Fluorspar . . . . .	.ton	—	—	—	—
Gemstone	lb	—	—	—	—
Grindstone . . . . .	.ton	—	—	—	—
Gypsum . . . . .	.ton	754,330	2,393,625	825,000	2,760,000
Helium	Mcf	—	—	—	—
Iron Oxide . . . . .	.ton	—	—	—	—
Lithia	lb	—	—	—	—
Magnesitic Dolomite and Brucite . . . . .	.ton	—	—	—	—
Mica	lb	—	—	—	—
Nepheline Syenite . . . . .	.ton	569,403	7,860,300	607,000	8,510,000
Nitrogen	Mcf	—	—	—	—
Peat Moss . . . . .	.ton	8,894	547,814	9,000	550,000
Potash (K ₂ O) . . . . .	.ton	—	—	—	—
Pyrite Pyrrhotite . . . . .	.ton	—	—	—	—
Quartz . . . . .	.ton	1,181,348	3,360,622	1,250,000	4,000,000
Salt . . . . .	.ton	4,161,436	33,166,178	4,225,000	35,900,000
Soapstone, Talc Pyrophyllite . . . . .	.ton	..	550,799	..	720,000
Sodium Sulphate . . . . .	.ton	—	—	—	—
Sulphur, in smelter gas . . . . .	.ton	398,473	5,303,675	427,000	6,785,000
Sulphur, elemental . . . . .	.ton	6,684	133,509	—	2,000
Titanium Dioxide, etc . . .ton		—	—	—	—
Total Value, Non-Metallics			\$57,204,607		\$60,998,000

FUELS	Unit	1973		1974	
		Quantity	Value	Quantity	Value
			\$		\$
Coal . . . . .	.ton	—	—	—	—
Natural Gas	Mcf	9,528,102	3,677,847	6,952,000	3,128,000
Natural Gas by-products . . . . .	.bbl	—	—	—	—
Petroleum, crude . . . . .	.bbl	808,649	2,865,853	743,000	4,715,000
Total Value, Fuels			\$ 6,543,700		\$ 7,843,000

ONTARIO MINERAL PRODUCTION		
TOTAL VALUE	\$1,852,874,886	\$2,422,312,000

NOTE — Stated values are arrived at by applying an estimated representative price to the total metal content. They are NOT identical with revenue. The series can thus only be used for longrun historical trend analyses.

VALUE OF MINERAL OUTPUT IN ONTARIO

Regions	1968	1969	1970	1971	1972	1973
Northwestern Region . . .	\$ 23,239,294	\$ 27,437,357	\$ 33,556,749	\$ 40,844,672	\$ 75,325,896	\$ 141,270,625
North Central Region . . .	109,502,498	110,359,629	107,792,662	121,003,164	135,889,871	137,450,462
Northern Region	239,306,533	247,403,426	247,647,967	226,083,942	243,991,062	316,756,819
Northeastern Region . . .	748,293,980	617,886,661	969,497,116	909,471,845	807,860,116	933,454,305
Algonquin Region	14,033,510	16,538,583	15,095,178	13,189,900	12,945,696	16,062,638
Eastern Region	35,979,791	39,687,675	42,476,823	42,568,583	48,973,790	57,628,824
Central Region	97,477,219	97,670,159	102,095,847	122,073,745	127,109,741	147,562,751
Southwestern Region . . .	87,795,845	66,396,847	71,973,235	78,918,054	85,274,337	102,688,462
Total	1,355,628,670	1,223,380,337	1,590,135,577	1,554,153,905	1,538,079,570*	1,852,874,886

*The discrepancy between the total value of production in Ontario and the total value of each region in Ontario exists because of the inclusion of non-Ontario sand and gravel operations in the published statistics.

ONTARIO NATURAL GAS PRODUCTION — in M.c.f. (1,000 cubic feet)

Year	Annual	Cumulative	Year	Annual	Cumulative
1890-1905 Estimated 44,413,476					
1906	2,534,200	46,947,676	1946	7,051,309	432,825,724
1907	4,155,900	51,103,576	1947	7,785,921	440,611,645
1908	4,483,000	55,586,576	1948	8,590,429	449,202,074
1909	5,388,000	60,974,576	1949	8,024,213	457,226,287
1910	7,263,300	68,237,876	1950	8,302,190	465,235,775
1911	12,311,900	80,549,776	1951	8,442,842	473,678,617
1912	12,454,900	93,004,676	1952	8,009,488	481,980,807
1913	12,558,400	105,563,075	1953	9,835,469	491,816,276
1914	14,062,800	119,625,876	1954	10,015,818	501,832,094
1915	15,212,300	134,838,176	1955	10,852,857	512,684,951
1916	17,929,100	152,767,276	1956	12,811,618	525,496,569
1917	20,026,000	172,793,276	1957	14,400,913	539,897,482
1918	13,067,400	185,860,676	1958	16,147,986	556,045,468
1919	11,195,300	197,055,976	1959	16,839,236	572,884,704
1920	10,545,000	207,600,976	1960	18,256,641	591,141,345
1921	8,532,234	216,133,210	1961	14,544,165	605,685,510
1922	8,568,301	224,701,511	1962	15,593,784	621,279,294
1923	8,128,413	232,829,924	1963	15,920,055	637,199,349
1924	7,370,914	240,200,838	1964	13,815,967	651,015,316
1925	7,257,274	247,458,112	1965	12,699,483	663,714,799
1926	7,776,496	255,234,608	1966	15,537,157	679,251,956
1927	7,311,214	262,545,822	1967	12,228,759	693,480,715
1928	7,632,740	270,178,562	1968	12,065,829	705,546,544
1929	8,583,187	278,761,749	1969	11,237,888	716,784,432
1930	7,943,416	286,705,165	1970	16,649,459	773,433,891
1931	7,419,534	294,124,699	1971	16,167,731	749,601,622
1932	7,386,154	301,510,853	1972	12,375,129	761,976,751
1933	7,166,659	308,677,512	1973	9,528,102	771,504,853
1934	7,682,851	316,360,363	1974	7,400,000*	778,904,853
1935	8,185,825	324,546,188			
1936	10,006,743	334,552,931			
1937	10,746,334	345,299,265			
1938	10,952,806	356,252,071			
1939	11,966,581	368,218,652			
1940	13,053,403	381,272,055			
1941	11,828,703	393,100,758			
1942	10,476,770	403,577,528			
1943	7,914,408	411,491,936			
1944	7,082,509	418,574,445			
1945	7,199,970	425,774,415			

Proven resources of natural gas are 230 billion cubic feet (Bcf).

Potential resources of natural gas are 5,000 billion cubic feet (Bcf).

Anticipated annual production in 1973-82 decade is 10 Bcf.

About 70 per cent of Ontario's natural gas output comes from Lake Erie.

*Preliminary.

ONTARIO CRUDE OIL PRODUCTION – (bbls)

Year	Annual	Cumulative	Year	Annual	Cumulative
(1863-85 production estimated)			1906	588,962	22,812,805
			1907	779,876	23,592,681
1863	114,000	114,000	1908	528,959	24,121,640
1864	148,000	262,000	1909	420,660	24,542,300
1865	182,000	444,000	1910	314,410	24,856,710
1866	216,000	660,000	1911	288,634	25,145,344
1867	250,000	910,000	1912	240,935	25,386,279
1868	284,000	1,194,000	1913	266,165	25,612,444
1869	318,000	1,512,000	1914	212,495	25,824,939
1870	357,100	1,869,100	1915	214,442	26,039,381
1871	364,247	2,233,347	1916	196,875	26,236,257
1872	371,394	2,604,741	1917	202,990	26,439,247
1873	378,541	2,983,282	1918	288,760	26,728,007
1874	385,688	3,368,970	1919	220,100	26,948,107
1875	392,835	3,761,805	1920	181,750	27,129,857
1876	399,982	4,161,787	1921	172,858	27,302,715
1877	407,129	4,568,916	1922	164,732	27,467,447
1878	414,276	4,983,192	1923	159,399	27,626,846
1879	421,423	5,404,615	1924	154,317	27,781,163
1880	428,571	5,833,186	1925	144,249	27,925,412
1881	457,100	6,290,286	1926	136,971	28,062,383
1882	485,710	6,775,996	1927	139,606	28,201,989
1883	514,286	7,290,282	1928	134,164	28,336,153
1884	548,571	7,838,853	1929	121,125	28,457,278
1885	585,710	8,424,563	1930	117,302	28,574,580
1886	614,280	9,038,843	1931	122,364	28,696,944
1887	620,000	9,658,843	1932	130,343	28,827,287
1888	725,000	10,383,843	1933	136,058	28,963,345
1889	710,000	11,093,843	1934	141,385	29,104,730
1890	750,000	11,843,843	1935	165,040	29,269,770
1891	775,000	12,618,843	1936	165,494	29,435,264
1892	765,000	13,383,842	1937	165,205	29,600,469
1893	800,000	14,183,843	1938	172,642	29,773,111
1894	825,000	15,008,843	1939	206,379	29,979,490
1895	835,000	15,843,843	1940	187,644	30,167,134
1896	780,000	16,623,843	1941	143,845	30,470,417
1897	750,000	17,373,843	1942	143,845	30,470,417
1898	770,000	18,143,843	1943	132,492	30,602,909
1899	685,000	18,828,843	1944	125,067	30,727,976
1900	675,000	19,503,843	1945	113,324	30,841,300
1901	625,000	20,128,843	1946	123,082	30,964,382
1902	530,000	20,658,843	1947	131,295	31,095,677
1903	475,000	21,133,843	1948	176,989	31,272,666
1904	485,000	21,618,843	1949	260,670	31,533,336
1905	605,000	22,223,843	1950	250,656	31,783,992

bbl = 35.0 Imperial gallons.

Year	Annual	Cumulative	Year	Annual	Cumulative
1951	197,171	31,981,163	1971	958,104	50,310,789
1952	191,813	32,172,976	1972	878,108	51,188,897
1953	299,685	32,472,661	1973	808,649	51,997,546
1954	412,474	32,885,135	1974	734,068	52,731,614
1955	525,509	33,410,644			
1956	593,370	34,004,014			
1957	623,666	34,627,680			
1958	778,341	35,406,021			
1959	1,001,580	36,407,601			
1960	1,005,030	37,412,631			
1961	1,149,087	38,561,718			
1962	1,134,534	39,696,252			
1963	1,205,376	40,901,628			
1964	1,246,682	42,148,310			
1965	1,279,162	43,427,472			
1966	1,323,781	44,751,253			
1967	1,240,298	45,991,551			
1968	1,150,779	47,142,330			
1969	1,161,889	48,304,219			
1970	1,048,466	49,352,685			

Proven resources of oil are 10.5 million barrels.

Potential resources of oil are 300 million barrels.

Anticipated annual production rate in 1973-82 decade is 900,000 barrels.

EMPLOYMENT IN ONTARIO MINING INDUSTRY

Year	Mines	Quarries	Clay Gravel Sand	Contractors and Diamond Drilling	Sub Total	Metal- lurgical	Total
1964	26,968	2,337	3,939	960	34,204	12,494	46,698
1965	26,840	2,361	4,089	1,031	34,321	13,865	48,186
1966	27,457	2,928	3,882	821	35,088	13,609	48,697
1967	28,468	2,646	3,831	818	35,762	13,799	49,561
1968	29,634	2,011	3,911	564	36,120	14,036	50,156
1969	29,014	2,101	3,884	1,141	36,140	13,766	49,906
1970	29,968	2,099	3,896	1,018	36,981	14,792	51,773
1971	29,300	2,295	3,083	669	35,347	14,497	49,754
1972	28,867	1,892	3,552	519	34,830	12,923	47,753
1973	25,734	1,596	3,602	481	31,413	12,673	44,086
1974	26,785	1,650	3,375	394	32,204	12,456	44,660

DIVISION OF MINES

MINERAL RESEARCH BRANCH

11th Floor, 77 Grenville St., Toronto, Ont. M5S 1B3. Telephone (416) 965-1337

Branch Director	D. A. Moddle	11th F . . .1337
Assistant Director and Chief, Analytical Section	W. O. Taylor	11th F . . .1337
Mineral Sciences Section	R. K. Laakso, Chief	11th F . . .1337
Chemical Laboratory	Dr. A. E. Pitts, Spvr.	10th F . . .1337
Spectroscopy Laboratory	Dr. A. A. Tuemer, Spvr.	10th F . . .1337
Temiskaming Testing Laboratory Presley Street, Cobalt	D. L. Larabie, Manager	(705) 679-8313

DIVISION OF MINES

MINES ENGINEERING BRANCH

Room W-1309, Main Office. Telephone (416) 965-1328.

Branch Director	P. B. McCrodan	W-1309 . .1328
Mining Act Revisions Committee	C. M. Barrett, Chairman	W-1309 . .1328
Mines Section	W. A. Hoffman, Chief	W-1309 . .1328
Electrical-Mechanical Section	W. V. McKnight*	W-1309 . .1328
Cable Testing Laboratory	K. J. Bee, Supt.	W-B437 . .1327
Mine Rescue Training	G. G. McPhail, Insp.	W-1309 . .1328

*Inspector of Research and Advisory Engineering.

MINE RESCUE TRAINING

Annual Summaries of Training and Equipment at Ontario Mine Rescue Stations

Numbers of	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Major Breathing App .	311	311	328	328	328	328	328	328	328	328
Active Trainees	599	623	622	680	630	612	599	591	613	505
Trained Supervisors . .	240	221	190	211	267	232	239	194	222	288
* Apparatus Men, Res . .	74	80	177	243	304	297	297	298	297	295
§ Basic Certificates	127	250	219	174	219	148	152	137	158	132
§ Standard Seals	42	115	157	49	64	108	64	103	151	65
§ Advanced Seals	25	25	...	11	87	61	28	29	31	61
§ Supervisory Seals . . . .	...	13	11	47	9	33	4	18	12	45
Attending Mgt Course . .	...	27	115	32	53	...	76	...	...	20
Central MR Stations . .	7	7	8	8	7	7	7	7	7	7
Sub-Stations	13	15	14	18	18	19	14	13	13	14

* Apparatus Men include hoistmen, cagers, mechanics and electricians (and some employees of Inco Iron Ore Recovery Plant) trained only in the wearing of breathing apparatus. Reserves take periodic refresher courses.

§ Numbers Issued.

ROPE TESTS — Annual counts of tests, grouped by industries

Year	Ontario Mines	Outside Mines	Other Industries	Manufacturers of Ropes	Specials	Total
1964	367	694	7	309	223	1,600
1965	352	645	2	377	79	1,455
1966	330	695	6	417	40	1,488
1967	319	672	11	382	34	1,418
1968	300	634	40	308	34	1,316
1969	330	593	13	323	25	1,284
1970	342	555	7	371	48	1,323
1971	304	547	7	328	...	1,186
1972	250	482	17	241	20	1,010
1973	294	459	2	276	79	1,126
1974	324	492	32	228	13	1,089

DIVISION OF FISH AND WILDLIFE

Room W-4501, Main Office.

Telephone (416) 965-4704.

Executive Director	K.K. Irizawa	W-4501 . . .	4704
Administration	J. Rawston	W-4502 . . .	3074

COMMERCIAL FISH AND FUR BRANCH

Room W-3411, Main Office.

Telephone (416) 965-3345.

Branch Director	M. J. Brubacher	W-3411 . . .	3345
Commercial Fish Section	J. W. Rousom, Spvr.	W-3409 . . .	3345
Commercial Fish Quotas	(vacant)	W-3412 . . .	3345
Commercial Fish Management	D. P. Kolenosky	W-3410 . . .	3345
Fur Section	D. A. Hagan, Spvr.	W-3405 . . .	3345
Fur Management Biologist	A. W. Caron	W-3406 . . .	3345
Fed-Prov Resource Management	W. C. Currie, Spvr.	W-3408 . . .	3345
Liaison Officer, Indians	F. F. Legace	W-3408 . . .	3345

ONTARIO COMMERCIAL FISH HARVEST, 1974 — by Species and Waters

Fish Species	Lake Ontario	Lake Erie	Lake Huron	Georgian Bay
Alewives . . . . .	.....	1,332,025	25	.....
Bowfin	5,500	44,639	.....	.....
Bullhead	247,409	108,618	400	108
Burbot (Ling) . . . . .	.....	.....	5,104	5,355
Carp	395,102	41,783	43,770	2,750
Catfish	24,003	88,538	67,907	40
Chub (Deepwater Cisco) . . . . .	.....	.....	49,947	613,434
Eel	221,915	526	12	.....
Freshwater Drum (Sheepshead)	4,070	360,770	29,217	12
Goldeyes . . . . .	.....	.....	.....	.....
Lake Herring (Cisco)	32,541	.....	2,369	54,286
Lake Trout	569	11	971	320
Lake Whitefish	16,397	88	627,837	145,713
Northern Pike	20,679	15,091	1,131	12,932
Rock Bass and Crappies	41,110	48,603	228	428
Round Whitefish (Menominee) . . . . .	.....	.....	6,362	31,568
Smelt	103,160	15,800,169	1,145	1,523
Sauger . . . . .	.....	.....	9	.....
Sunfish	202,020	93,628	.....	.....
Sucker(Mullet)	15,105	18,991	71,968	33,846
Sturgeon	419	460	4,380	441
White Bass	3,682	2,346,146	5,679	24
White Perch	290,103	.....	.....	.....
Yellow Perch	701,897	12,204,921	314,238	60,228
Yellow Pickerel (Walleye)	3,420	234,154	197,747	45,535
Shad	225	1,682,597	174	654
Animal Food (unclassified)	34,577	4,263,778	299,539	15,495
Total Landings lbs	2,363,903	38,685,536	1,730,159	1,024,692
Total Landed Value \$	505,702	5,633,918	769,793	466,924

COMMERCIAL FISHING LICENCES

Year	Food-Fish Harvesting	Bait-Fish Harvesting	Bait-Fish Dealers	Bait-Fish Preservers	Total
1963	1,862	2,125	591	101	4,679
1964	1,900	2,114	651	121	4,786
1965	1,881	2,028	613	125	4,647
1966	1,822	1,977	1,396	121	5,316
1967	1,747	1,807	1,729	124	5,407
1968	1,689	1,859	1,808	116	5,472
1969	1,609	1,908	1,861	126	5,504
1970	1,560	1,993	1,895	129	5,577
1971	1,267	1,607	1,813	126	4,813
1972	1,204	1,612	1,876	120	4,812
1973	1,149	1,611	1,868	111	4,739
1974	1,116	1,623	1,832	110	4,680

ONTARIO COMMERCIAL FISH HARVEST, 1974 — by Species and Waters

North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total Landings (lbs)	Total Value
3,321	.....	.....	.....	1,335,371	\$ 26,707
.....	.....	.....	5,500	55,639	2,418
323	22	7,846	112,315	477,041	135,764
797	26,002	347,039	2,450	386,747	7,940
8,708	590	.....	138,412	631,115	113,189
263	.....	.....	6,413	187,164	60,124
8,342	308,585	69,150	.....	1,049,458	463,131
.....	.....	.....	6,599	229,052	68,812
.....	.....	75	1,676	395,820	14,599
.....	.....	1,155	.....	1,155	219
9,228	2,036,471	171,509	.....	2,306,404	409,188
15	197,985	28,984	.....	228,855	142,843
176,272	329,893	1,062,792	.....	2,358,992	1,147,002
13,313	4,478	653,627	3,598	724,849	177,796
550	.....	24,839	12,719	128,477	45,332
8,368	18,516	1,471	.....	66,285	13,819
207,875	788,495	.....	.....	16,902,367	962,154
.....	1,382	47,736	.....	49,127	16,548
.....	.....	.....	76,189	371,837	74,352
70,397	154,898	773,416	31,245	1,169,866	54,923
6,797	111	12,618	.....	25,226	37,264
.....	.....	7	3,572	2,359,110	407,194
.....	.....	.....	3,041	293,144	30,970
18,325	66,726	8,960	36,011	13,411,306	4,255,575
24,872	3,401	920,794	.....	1,429,923	869,248
.....	.....	.....	800	1,684,450	33,667
58,627	4,906	279,040	10,884	4,966,846	83,331
616,393	3,942,461	4,411,058	451,424	53,225,626	.....
175,059	852,361	1,155,704	94,648	.....	9,654,109

ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Species	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	Value 1974
Bowfin	33	20	24	19	26	27	39	22	31	51	56	2
Bullhead	513	451	348	342	395	473	378	362	344	449	477	136
Burbot (Liny)	600	404	343	487	382	416	396	246	311	321	387	8
Carp	938	872	937	928	987	1,046	702	770	748	725	631	113
Catfish	287	243	273	250	255	220	104	156	156	180	187	60
Caviar	2	2	1	(Caviar included with Sturgeon from 1967)								
Chub (Deepwater Cisco)	2,035	1,892	1,265	1,165	681	461	282	802	719	944	1,050	463
Eel	250	194	150	141	181	175	151	173	279	198	229	69
Freshwater Drum (Sheepshead)	831	990	1,058	666	802	451	310	103	292	543	396	15
Goldeye	28	19	7	11	2		1	1			1	
Lake Herring (Cisco)	1,993	1,603	1,184	1,935	2,985	2,780	3,060	2,794	2,786	2,447	2,306	409
Lake Trout	224	178	174	302	301	282	199	188	165	209	229	143
Lake Whitefish	3,229	3,236	2,812	2,625	2,906	2,957	2,870	2,312	2,200	1,984	2,359	1,147
Northern Pike	1,134	1,099	1,005	952	956	871	752	558	525	647	725	178
Rock Bass and Crappie	206	209	271	249	276	186	193	199	130	137	129	45
Round Whitefish (Menominee)	70	66	58	41	56	57	37	52	67	56	66	14
Sauger	141	76	59	82	70	51	57	31	19	28	49	17
Smelt	12,887	11,917	16,056	12,660	12,490	15,226	9,572	13,551	11,051	17,557	16,902	962
Sturgeon	98	94	86	76	79	90	47	42	29	38	25	37
Sucker (Mullet)	1,451	1,102	1,306	1,297	1,278	1,274	1,079	797	975	1,085	1,170	55
Sunfish	358	249	253	359	400	413	280	299	290	360	372	74
White Bass	1,836	2,733	1,806	855	819	925	210	114	1,769	1,512	2,359	407
White Perch	272	589	174	181	231	252	452	641	292	299	293	31
Yellow Perch	9,363	19,465	21,151	22,731	24,969	30,506	21,320	15,277	16,836	19,075	13,411	4,256
Yellow Pickerel (Walleye)	3,678	3,241	3,987	3,238	2,765	2,050	1,406	1,154	1,019	1,391	1,430	869
Animal Food (Unclassified)	1,053	1,545	1,556	1,313	1,413	2,014	2,184	2,148	2,163	2,817	7,987*	144
Total Landings (000s lbs)	43,510	52,489	56,344	52,905	55,705	63,203	46,081	42,792	43,196	53,053	53,225	

Total Landed Value (\$000s) 5,230 6,404 5,995 5,927 5,968 7,378 6,531 6,951 8,118 9,654

* Includes alewives and Shad.

ONTARIO COMMERCIAL FISH HARVEST — by Waters in 000s lbs and \$000s

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Total Value
											\$
1964	2,015	25,381	946	3,018	735	214	2,682	7,938	582	43,510	5,230
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,225	9,654

LAKE ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Eel	Lake Herring	Smelt	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value
											\$
1964	167	270	246	38	128	192	272	235	467	2,015	285
1965	150	314	189	23	202	151	586	409	623	2,647	353
1966	123	302	143	36	141	126	172	154	428	1,625	220
1967	127	392	136	59	155	161	179	287	336	1,832	243
1968	169	412	173	40	168	186	223	304	334	2,009	284
1969	240	541	169	40	146	160	250	439	285	2,270	330
1970	270	493	146	25	165	169	447	985	205	2,905	429
1971	244	441	168	23	202	150	635	890	153	2,906	447
1972	204	443	271	15	216	161	283	809	145	2,547	454
1973	257	413	188	17	99	208	287	757	130	2,356	466
1974	271	395	222	33	103	202	290	702	146	2,364	506

LAKE ERIE COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Freshwater Drum	Smelt	White Bass	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1964	205	187	752	12,735	1,723	8,351	599	829	25,381	2,377
1965	140	152	898	11,711	2,611	18,603	346	635	35,096	3,319
1966	167	90	940	15,914	1,757	20,698	991	869	41,426	3,105
1967	140	51	494	12,501	822	22,087	747	928	37,770	3,339
1968	107	93	651	12,223	751	24,435	328	827	39,415	2,974
1969	121	190	339	15,076	875	29,802	193	1,430	48,026	4,244
1970	91	30	259	9,402	195	19,999	26	1,753	31,755	3,770
1971	136	53	93	13,130	92	13,918	30	1,624	29,076	4,255
1972	124	63	272	10,519	1,756	15,593	51	1,804	30,182	5,375
1973	182	60	508	17,062	1,497	18,035	65	2,420	39,829	7,038
1974	197	42	361	15,800	2,346	12,205	234	7,501	38,686	5,634

LAKE HURON COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1964	17	1,442	9	320	5	98	602	286	239	3,018	711
1965	21	1,083	13	407	9	61	167	245	280	2,286	627
1966	43	653	4	348	13	96	152	218	431	1,958	466
1967	66	527	5	381	19	141	149	185	271	1,744	464
1968	58	263	5	356	16	121	71	325	239	1,454	509
1969	67	86	2	493	22	95	141	194	336	1,436	511
1970	21	53	2	607	10	61	245	21	232	1,252	437
1971	38	66	4	553	21	58	261	10	295	1,306	424
1972	25	110	3	472	30	93	148	2	189	1,072	374
1973	55	106	6	374	13	89	123	121	233	1,120	423
1974	44	50	2	628	6	72	314	198	416	1,730	770

GEORGIAN BAY COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1964	24	121	2	232	6	77	78	93	102	735	\$ 190
1965	10	409	2	171	30	42	101	72	156	993	234
1966	21	286	3	157	30	68	63	41	82	751	171
1967	38	227	5	148	13	49	97	61	77	715	167
1968	21	180	17	286	14	34	38	61	77	728	222
1969	27	156	11	196	4	41	21	74	51	581	184
1970	6	127	11	207	2	41	25	52	27	498	176
1971	2	613	20	183	10	40	75	71	55	1,069	330
1972	23	516	36	172	18	42	54	56	42	959	320
1973	28	622	58	140	18	72	30	48	53	1,069	377
1974	3	613	54	146	32	34	60	46	37	1,025	467

NORTH CHANNEL COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Smelt	Lake Whitefish	Northern Pike	Round Whitefish	Sturgeon	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1964	...	93	25	4	9	36	29	15	3	214	\$ 64
1965	...	37	19	10	11	46	88	13	65	289	61
1966	...	75	20	4	16	40	16	19	19	209	74
1967	...	79	25	3	13	38	8	21	20	207	70
1968	...	99	16	5	14	55	14	17	27	247	85
1969	...	160	11	7	11	47	9	19	49	313	125
1970	...	176	21	3	11	73	7	35	49	375	124
1971	...	226	16	5	7	54	15	16	43	382	138
1972	...	190	30	10	6	57	14	19	41	367	141
1973	...	176	15	9	8	57	12	26	47	350	150
1974	208	176	13	8	7	70	18	25	91	616	175

LAKE SUPERIOR COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Chub	Lake Herring	Lake Trout	Lake Whitefish	Smelt	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1964	42	1,935	106	133	20	64	27	216	139	2,682	\$ 249
1965	63	1,553	102	135	1	23	22	291	80	2,270	283
1966	12	1,135	108	134	...	29	9	377	42	1,846	327
1967	8	1,854	202	150	...	30	8	274	42	2,568	351
1968	5	2,649	193	212	98	29	10	119	50	3,365	403
1969	8	2,396	202	211	...	53	8	24	49	2,951	403
1970	4	2,902	168	206	...	48	8	9	37	3,382	428
1971	52	2,577	150	253	217	67	20	4	27	3,367	447
1972	43	2,565	127	311	310	132	138	2	28	3,656	577
1973	149	2,235	180	348	390	140	64	1	30	3,537	706
1974	309	2,036	198	330	788	155	67	3	56	3,942	852

NORTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Burbot	Chub	Lake Herring	Lake Trout	Lake Whitefish	Northern Pike	Sucker (Mullet)	Yellow Pickerel	Other Species	Total	Total Value
1964	589	430	7	117	2,324	1,033	931	2,047	460	7,938	\$ 1,047
1965	396	336	11	74	2,378	1,029	772	1,954	634	7,584	1,230
1966	339	315	6	66	1,976	935	889	2,048	436	7,010	1,314
1967	432	402	11	98	1,785	863	839	1,739	456	6,625	1,002
1968	369	232	271	103	1,861	863	856	1,666	590	6,811	1,136
1969	413	211	298	80	1,805	787	876	1,200	407	6,077	1,149
1970	381	98	114	31	1,619	695	755	1,211	487	5,391	1,066
1971	237	65	159	37	1,079	506	540	1,016	425	4,064	837
1972	296	47	162	37	1,031	468	571	885	385	3,882	797
1973	306	61	125	28	928	592	671	1,125	431	4,267	1,121
1974	347	69	172	29	1,063	654	773	921	383	4,411	1,156

SOUTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Lake Whitefish	Rock Bass & Crappie	Sucker (Mullet)	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value \$
1964	190	227	...	10	29	85	...	10	31	582	73
1965	185	119	...	8	19	45	3	14	45	438	61
1966	192	150	60	11	33	83	2	5	45	581	80
1967	183	166	34	10	18	121	1	7	94	634	92
1968	210	109	14	16	21	108	8	5	63	554	83
1969	216	132	9	28	21	110	1	14	98	629	101
1970	89	139	5	21	33	79	5	32	33	436	60
1971	104	228	1	18	16	65	6	93	91	622	74
1972	134	188	2	14	10	70	9	71	34	532	81
1973	141	166	1	20	17	88	12	45	34	524	94
1974	119	138	...	13	31	76	3	36	35	451	95

EMPLOYMENT AND INVESTMENT IN ONTARIO COMMERCIAL FISHERY

Year	Men	Boats 40' and Over	Boats Under 40'	Gill Nets 000s yds	Pound Nets	Trap Nets	Hoop Nets	Seine Nets 00s yds	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Investment \$000s	Total Value \$000s
1964	2,952	229	1,587	9,110	873	512	1,889	157	549	493	731	89	10,220
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779

EMPLOYMENT AND INVESTMENT

Classification		Lake Ontario	Lake Erie	Lake Huron
MEN EMPLOYED	Number	430	643	120
FISHING BOATS				
40' and Over	Number	4	92	23
	Tons	61	3,232	393
	Value — \$	52,000	3,630,920	490,322
20' to 39'	Number	60	37	19
	Value — \$	180,350	238,150	83,000
Under 20'	Number	201	64	16
	Value — \$	105,298	37,889	10,550
FISHING GEAR				
Gill Nets	Yards	1,032,525	5,693,456	926,000
	Value — \$	358,208	2,215,306	451,925
Pound Nets	Number	....	22	2
	Value — \$	....	33,000	5,000
Trap Nets	Number	58	149	115
	Value — \$	37,486	176,600	136,101
Hoop Nets	Number	825	146	....
	Value — \$	155,525	27,675	....
Seine Nets	Yards	2,215	3,400	....
	Value — \$	11,246	16,180	....
Night Lines	Hooks	26,050	1,250	450
	Value — \$	7,035	2,025	2,000
Dip Nets	Number	7	7	1
	Value — \$	42	40	12
Trolling Lines	Number	....	....	....
	Value — \$	....	....	....
Trawls	Number	....	164	4
	Value — \$	....	172,150	4,000
SHORE INSTALLATIONS				
Freezers and Ice Houses	Number	32	26	15
	Value — \$	56,150	576,600	81,795
Piers and Wharves	Number	42	52	8
	Value — \$	32,970	77,837	9,600
Net Sheds	Number	124	122	31
	Value — \$	137,680	718,588	224,000
NEW CAPITAL INVESTMENT				
Engines	Value — \$	22,262	80,475	27,701
Hulls	Value — \$	19,545	233,650	44,250
Fishing Gear	Value — \$	78,613	304,369	56,193
Wheelhouse	Value — \$	815	37,633	3,139
Other Equipment	Value — \$	719	968	....
TOTAL	Value — \$	1,255,944	8,580,055	1,629,588

IN ONTARIO COMMERCIAL FISHERY, 1974

Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total
122	67	172	571	83	2,208
20	10	21	6	....	176
277	201	275	63	....	4,502
345,568	100,000	467,000	61,000	....	5,146,810
32	9	34	37	5	233
121,100	18,925	106,600	148,500	3,550	900,175
39	30	58	306	45	759
41,660	15,800	44,053	234,033	15,600	504,883
849,160	368,270	819,856	583,920	28,600	10,301,787
367,536	128,000	563,368	273,770	14,000	4,372,113
27	21	11	34	....	117
18,900	18,000	12,600	63,700	....	151,200
7	13	13	97	3	455
7,800	7,600	10,250	70,490	2,178	448,505
....	....	....	107	496	1,574
....	....	....	16,590	51,294	251,084
....	....	....	....	817	6,432
....	....	....	....	2,650	30,076
1,000	....	....	300	1,953	31,003
275	....	....	100	676	12,111
4	1	39	2	3	64
25	25	390	30	18	582
....
....
....	....	15	....	....	183
....	....	15,200	....	....	191,350
41	17	36	152	7	326
103,294	50,300	352,400	301,800	2,950	1,525,289
31	10	38	100	6	287
47,957	11,850	55,850	140,023	2,100	378,187
49	20	59	95	15	515
95,016	46,800	101,550	94,290	11,095	1,429,019
14,930	4,123	30,351	56,662	4,815	241,319
11,020	1,900	32,693	43,227	1,475	387,760
87,382	17,335	82,474	49,607	10,226	686,199
3,882	475	19,036	3,640	....	68,620
....	1,796	....	50,590	....	54,073
1,266,345	422,929	1,893,815	1,608,052	122,627	16,779,355

FUR HARVESTS — in years ending June 30

Average Pelt Value, 1974	Totals from Sealing Officers' Reports and Fur Dealers' Returns						
	1968	1969	1970	1971	1972	1973	1974
\$22.50 Beaver . .	160,278	164,888	158,628	127,913	145,290	181,468	175,099
12.69 Mink . . .	21,272	28,464	28,200	18,152	17,871	20,724	17,975
13.21 Marten . .	13,977	30,699	24,931	20,687	25,566	27,649	27,150
43.30 Otter . . .	7,204	7,638	7,421	6,589	6,700	9,027	8,122
57.19 Fisher . . .	2,189	3,536	3,165	2,559	3,686	4,399	3,992
96.25 Lynx . . .	912	1,406	1,990	1,903	2,474	5,137	3,698
56.78 Bobcat . .	.....	.....	.....	.....	10	41	52
2.88 Muskrat . .	369,848	539,034	347,308	286,207	301,357	385,241	513,279
15.28 Raccoon. .	14,970	19,695	15,198	13,000	29,361	29,722	40,641
0.55 Squirrel . .	17,758	15,948	6,796	6,957	3,795	2,748	5,846
0.51 Weasel . .	5,791	11,357	4,678	3,799	2,827	5,362	4,924
40.52 Col'd Fox	3,672	6,258	5,132	4,609	8,702	8,127	13,409
40.88 Arctic Fox	231	77	59	102	323	23	58
28.84 Timb. Wolf	1,045	1,093	1,027	883	1,154	839	1,248
28.84 Coyote . .	.....	.....	.....	.....	199	397	892
53.16 Black Bear	103	148	115	59	226	322	375
89.51 Wolverine	3	0	1	2	1	1	1
..... Skunk . .	.....	.....	.....	95	2	3	57
..... Gray Fox .	.....	.....	.....	.....	.....	.....	.....
427.85 Polar Bear.	.....	.....	.....	11	18	12	18
TOTAL PELTS . .	619,243	830,241	604,649	493,527	549,565	681,242	816,826
TOTAL VALUE.	\$3,708,308		3,727,960		4,234,962		8,152,934
		5,201,675		2,883,164		7,230,167	
TRAPPER LICENCES							
Registered	2,423 @ \$5 = \$12,115		Reg. Treaty	2,800 @ \$1 = \$ 2,800			
Resident	5,901 @ \$5 = \$29,505		Res. Treaty	26 @ \$5 = \$ 130			
Farmer, Indian Res .	1,423 @ 00 =		TOTALS	12,573 . . .		\$44,550	

PELTS — EXPORTED OR TANNED — in year ending June 30, 1974

Pelt	Quantity	Royalty	Value
Beaver	158,354	\$158,354.00	\$3,562,965
Fisher	3,320	3,320.00	189,870
White Fox	75	56.25	3,066
Lynx	3,386	507.90	325,902
Marten	25,468	12,734.00	336,432
Mink	18,259	18,259.00	231,706
Muskrat	488,877	24,443.85	1,407,965
Otter	7,702	9,627.50	333,496
Weasel	4,582	229.10	2,336
Wolverine	1	.40	89
Totals	710,024	\$227,532.00	\$6,393,831

DIVISION OF FISH AND WILDLIFE

SPORT FISHERIES BRANCH

Room W-4625, Main Office. Telephone (416) 965-7887

Branch Director	K. H. Loftus	W-4625 . . 7887
Fish Culture Section	G. C. Armstrong, Spvr. . .	W-4628 . . 7887
Fish Culture Assessment	J. M. Byrne	W-4631 . . 7887
Fish Culture Data Systems	L. I. Balmer	W-4631 . . 7887
Fisheries Services Section	J. C. Weir, Spvr.	W-4620A . 7887
Data Systems and Analysis	M. W. Neal	W-4635 . . 7887
Fisheries Information	C. E. Monk	W-4621 . . 7887
Planning Section	F. P. Maher, Spvr.	W-4618B . 7887
Fisheries Resource Planning	E. T. Cox	W-4619B . 7887
Recreational Fisheries Planning	P. Smith	W-4619A . 7887
Environmental Dynamics Section	Dr. D. P. Dodge, Spvr. . .	W-4624A . 7887
Habitat Maintenance	Dr. J. T. Allin	W-4622 . . 7887
Habitat Enhancement	R. M. Biette	W-4622A . 7887
Inventory Co-ordination	D. G. Waldriff	W-4624 . . 7887
Inventory Support Services	G. A. Goodchild	W-4632 . . 7887
Population Dynamics Section	K. H. Loftus, A/Spvr. . .	W-4625 . . 7887
Salmonid Biologist	C. H. Olver	W-4632A . 7887

FISH DISTRIBUTION — from Ontario Fish Culture Stations in 1974 (e — eggs)

TOTAL WEIGHT IN PARENTHESES (Pounds)

Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
				Splake	Coho
Chatsworth . . .	41,815 (13,200)	77,487 (3,212)	..... .....	262,565 (25,958) Chinook 224,550 (765)	438,425 (24,355)
Codrington . . .	26,475 (7,946)	..... .....	35,473 (2,410)	..... .....	..... .....
Deer Lake	10,700 (2,214)	..... .....	8,650 (1,772)	Splake 16,800 (480)	Maskinonge 1,253,200 (540)
Dorion	503,980 (9,824)	302,500 (3,639)	15,150 (115)	..... .....	..... .....
Hill Lake	504,950 (5,404)	80,500 (857)	..... .....	..... .....	..... .....
Normandale . .	..... ..... .....	..... ..... .....	1,266,640e 451,231 (45,994)	..... ..... .....	..... ..... .....
North Bay . . .	161,225 (10,260)	237,100 (4,300)	185,450 (3,749)	..... .....	..... .....
Pembroke	107,600 (19,201)	48,093 (2,848)	..... .....	Splake 900 (500)	..... .....
Sandfield	135,675 (6,612)	..... .....	..... .....	Splake 37,100 (2,853)	Smallmouth Bass 72,925 (167)
Skeleton Lake .	109,850 (1,304)	202,365 (3,396)	1,568 (101)	..... .....	..... .....

Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
Tarentorus . . .	120,200 (11,885)	608,114 (10,354)	36,350 (775)	Splake 44,300 (869)	..... .....
Westport	39,800 (3,616)	87,570 (2,062)	..... .....	Largemouth Bass 167,000 (147)	
White Lake . . .	176,700 (8,064)	100,000 (2,264)	28,850 (5,359)	Smallmouth Bass 100,000 (237)	Yellow Pickerel 11,210,000e

ANGLING LICENCES

Year	No. Sold to Non-Residents
1964 . . . . .	.495,135
1965 . . . . .	.533,154
1966 . . . . .	.571,453
1967 . . . . .	.578,811
1968 . . . . .	.615,611
1969 . . . . .	.630,375
1970 . . . . .	.605,320
1971 . . . . .	.652,335
1972 . . . . .	.680,152
1973 . . . . .	.701,595
1974 . . . . .	.656,960

FISH PLANTINGS — Numbers in 000s of Fish and Eggs Stocked from Ontario Fish Culture Stations

Species		F — Fish E — Eggs											
		1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	
Bass, Largemouth	F	203	189	189	143	112	65	22	....	145	59	167	
Bass, Smallmouth	F	291	289	252	310	129	200	128	136	117	240	173	
Herring	E	....	....	1,150	7,030	....	....	....	....	....	....	....
	F	....	....	....	2,000	....	....	....	....	....	....	....
Maskinonge	F	1,556	1,875	1,303	2,662	2,427	2,991	2,727	1,887	2,683	600	1,253	
Pickereel, Yellow	E	14,000	15,600	10,000	13,055	6,240	10,750	12,700	11,200	3,000	10,700	11,210	
	F	1,353	56	8,232	28,042	194	1,314	31	32	48	....	....
Salmon, Chinook	F	....	....	....	....	....	....	....	89	190	....	225	
Salmon, Coho	F	....	....	....	....	....	157	178	187	122	218	438	
Salmon, Kokanee	E	....	683	923	310	....	....	....	....	....	....	....
	F	....	1,897	943	596	472	635	5,411	3,576	1,323	....	....
Splake	E	....	....	....	20	....	....	....	....	....	....	....
	F	100	37	69	130	39	65	258	501	364	487	370	
Trout, Brook	E	400	674	....	2,741	....	2,150	311	....	....	660	....
	F	2,352	2,488	2,108	2,872	1,713	1,906	2,373	1,642	2,201	1,438	1,939	
Trout Lake	E	20	....	....	50	....	....	....	....	....	....	....
	F	984	1,061	1,743	1,633	1,575	1,148	1,364	1,432	1,322	1,334	1,744	
Trout, Rainbow	E	....	....	100	676	533	20	....	80	150	1,290	1,267	
	F	475	409	167	285	452	585	247	1,062	622	711	763	
Miscellaneous	E	....	....	....	300	....	....	....	....	....	....	....
	F	27,110	24,038	19,845	257	....	18	6	....	....	....	....
TOTAL		48,844	49,296	47,024	63,112	13,886	22,004	25,756	21,824	12,287	17,737	19,549	

DIVISION OF FISH AND WILDLIFE

WILDLIFE BRANCH

Room W-4613, Main Office. Telephone (416) 965-4251.

Branch Director	D. R. Johnston	W-4613 . . 4251
Wildlife Management Section	L. J. Post, Spvr	W-4617A . 4251
Moose and Caribou Biologist	R. A. Stefanski	W-4617 . . 4251
Deer and Black Bear Biologist	J. R. Ludwig	W-4615B . 4251
Waterfowl Biologist	R. M. Alison	W-4515A . 4251
Mammalogist	R. M. Mitchell	W-4605B . 4251
Wildlife Planning Section	(vacant)	W-4615 . . 4251
Biometrician	J. M. Barbowski	W-4604 . . 7054
Environmental Projects Planner	L. Whistance-Smith	W-4607A . 4251
Land Use Planner	(vacant)	W-4614 . . 4251
Statistician	G. A. Nielsen	W-4603 . . 7054
Extension, Interpretation and Information Section	L. H. Mayeda, Spvr	W-4505 . . 4251
Habitat Ecologist	D. L. Euler	W-4505 . . 4251
Interpretation Biologist	G. B. McKeating	W-4608 . . 4251
Field Services Section	J. A. Shannon	W-4609 . . 4251

HUNTING STATISTICS — Estimates compiled from hunters surveyed by mail

Comparison between hunter numbers and licence sales (see Page 38) gives an estimate of the number of licence holders who did not hunt.

MOOSE		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	46,540	.....	8,520	14,740	.....	3,830	61,280	.....	12,350
1970	51,240	426,000	9,400	10,090	77,300	3,070	61,330	503,300	12,470
1971	52,180	457,500	9,060	11,020	81,000	3,720	63,200	538,500	12,780
1972	60,620	517,000	10,320	12,490	91,500	3,470	73,110	608,500	13,790
1973	74,240	637,800	9,770	16,990	130,100	3,800	91,230	767,900	13,570
1974	75,370	630,300	10,510	16,850	121,900	3,400	92,220	752,100	13,910

DEER		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	86,490	.....	16,640	5,230	.....	1,470	91,720	.....	18,110
1970	80,220	473,500	15,430	3,870	22,200	880	84,090	495,700	16,310
1971	77,600	462,500	17,980	4,600	26,700	1,450	82,200	489,200	19,430
1972	81,800	489,000	16,070	4,800	26,500	*1,630	86,600	515,500	*17,700
1973	82,390	462,300	15,140	4,930	27,900	*1,530	87,320	490,200	*16,670
1974	80,380	487,100	12,530	3,990	23,600	*1,050	84,370	487,100	*13,580

BEAR***		RESIDENT		NON-RESIDENT			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1971	1,030	6,800	.....	9,010	48,400	.....	10,040	55,200	.....
1972	1,120	7,400	6,330	9,300	49,500	2,620	10,420	56,900	8,950
1973	1,220	12,900	3,680	9,140	62,200	2,120	10,360	75,100	5,800

SMALL GAME**		RESIDENT		NON-RESIDENT		SUMMER HUNTING		RESIDENT	
Year	Hunters	Hunter Days	Hunters	Hunter Days		Year	Hunters	Hunter Days	
1970	263,700	4,464,000	.....	.....		1972	18,720	369,500	
1971	267,870	3,842,500	8,450	80,000		1974	16,380	291,800	
1972	236,460	3,647,000	.....	.....			
1973	247,240	3,356,000	7,960	57,700					

* Includes deer harvested on moose licences.

** Includes Waterfowl.

*** Estimates of number of hunters and hunter-days are based on bear licences only
Harvest includes bear harvested on moose-bear, deer-bear and moose licences.

EXPENDITURE BY HUNTERS – (Excluding licence fees)

Survey Year*	HUNT	Estimates Compiled from Hunters Surveyed by Mail		
		Resident	Non-Resident	Total
1970-71 . .	Small Game	\$29,751,000	\$2,180,000	\$31,931,000
1973-74 . .	Small Game	44,323,000	2,458,000	46,781,000
1972	Summer	3,013,000	.....	3,013,000
1974	Summer	3,557,000	.....	3,557,000
1968-69 . .	Deer	7,261,000	1,000,000	8,261,000
1971-72 . .	Deer	7,371,000	910,000	8,281,000
1973-74 . .	Deer	9,432,000	1,243,000	10,675,000
1968-69 . .	Moose	6,592,000	2,656,000	9,248,000
1971-72 . .	Moose	8,403,000	2,879,000	11,282,000
1973-74 . .	Moose	13,791,000	6,070,000	19,861,000
1971-72 . .	Bear	148,000	1,819,000	1,967,000
1972-73 . .	Bear	199,000	2,077,000	2,276,000
1973-74 . .	Bear	255,000	2,336,000	2,591,000

*Hunting Year: September 1 to August 31.

WOLF BOUNTIES PAID

in years ending March 31 Under The Wolf and Bear
Bounty Act, Repealed on December 15, 1972

Year	Timber	Brush	Pups	Total	Paid
1963	1,276	691	64	2,031	\$22,664
1964	1,342	862	61	2,265	44,999
1965	1,638	1,052	63	2,753	59,997
1966	1,593	1,195	44	2,832	59,937
1967	1,578	1,277	45	2,900	59,084
1968	1,674	1,342	81	3,067	61,996
1969	1,370	1,542	51	2,963	62,025
1970	1,255	2,047	43	3,345	69,996
1971	1,469	2,061	49	3,579	67,984
1972	1,156	2,099	53	3,308	58,072
1973	561	940	25	1,526	26,751

LAW ENFORCEMENT

Seizures and Convictions
In years ending March 31

Year	Seizures	Convct
1965	2,216	2,236
1966	2,581	2,347
1967	2,942	2,626
1968	3,404	3,239
1969	3,557	3,489
1970	5,127	4,648
1971	4,253	4,402
1972	4,296	5,002
1973	5,037	5,103
1974	5,056	4,510
1975	4,976	5,649

LAND ACQUISITIONS
FOR WILDLIFE MANAGEMENT

in years ending March 31

Year	Acres	Cost
1965	1,900	\$
1966	2,203	.....
1967	3,461	.....
1968	1,876	107,177
1969	3,328	401,057
1970	6,557	270,368
1971	3,091	507,914
1972	4,620	903,259
1973	2,569	572,323
1974	595	105,452
1975	2,435	554,985

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR		SMALL GAME		TOTAL OF LICENCES		
	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Total
1953	92,785	8,300	5,196	637	.....	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	.....	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	.....	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	.....	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	.....	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	.....	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	.....	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	.....	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	.....	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	14,585	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944	581,081

PROVINCIAL WILDLIFE AREAS

- Aylmer Provincial Wildlife Area
- Brighton Provincial Wildlife Area
- Bruce Recreation Area
- Camden Lake Wildlife Management Area
- Darlington Provincial Park
- Fingal Provincial Wildlife Area
- Gananoque Provincial Wildlife Area
- Holiday Beach Provincial Park
- Holland Marsh Provincial Wildlife Area
- Hullett Provincial Wildlife Area
- Kolapore Uplands Recreation Area
- Long Point Provincial Wildlife Area
- Luther Marsh Wildlife Area
- MacGregor Point Provincial Wildlife Area
- Nonquon Provincial Wildlife Area
- Presqu'ile Provincial Park
- Puslinch Provincial Wildlife Area
- Rankin Wildlife Management Area
- Rondeau Provincial Park
- St. Edmunds Provincial Wildlife Area
- Scugog Island
- Sibbald Point Provincial Park
- Tiny Marsh Provincial Wildlife Area
- Winchester Provincial Wildlife Area
- Wye Marsh Provincial Wildlife Area

(Total: 25 Areas)

WILDLIFE EXTENSION
LANDOWNER AGREEMENT AREAS

Area	Acres
Ancaster Township	6,000
Aylmer Ponds	106
Calton Swamp	60
Christie	840
Crook's Hollow	42
Lake St. Lawrence	15,000
Mud Lake	150
Nassagaweya Township	4,400
Orangeville Reservoir	780
Reach Township	6,000
Valens	550
Waterford Lakes	350
Willoughby Swamp	560
Total, 13 Areas	34,838

DIVISION OF FISH AND WILDLIFE

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Parasitology	(vacant)	Extension 267
Systems Ecology	S. Kerr	Extension 251
Selective Breeding	A.H. Berst	Extension 252
Oligotrophic Lakes	P. Ihssen	Extension 252
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DIVISION OF PARKS

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Development Officer	B. Kozel	W-3321 . . 2745
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Interpretive Planner	W. Yetman	W-3335 . . 2745
Interpretive Designer	M. Medved	W-3333 . . 2745
Bronte Creek Project Co-Ordinator	I. C. Johnson	W-3322 . . 2745

PUBLIC USE OF PROVINCIAL PARKS

Year	Vehicle Entries	Interior Campers	Campers	Average Days	Camper Days	Total of Visitors
1964	2,537,483	49,112	916,281	2.7	2,495,556	9,147,218
1965	2,437,988	53,653	902,472	2.8	2,495,284	8,875,668
1966	2,738,664	52,722	994,787	2.7	2,653,055	9,791,671
1967	2,817,362	49,957	1,155,091	2.4	2,805,143	10,192,533
1968	2,588,242	59,377	1,119,912	2.2	2,457,801	9,440,211
1969	2,946,228	51,522	1,360,639	2.2	2,956,214	10,459,936
1970	3,468,758	63,434	1,531,528	2.2	3,524,322	12,172,254
1971	3,903,368	77,100	1,618,948	2.3	3,788,525	13,658,619
1972	3,652,935	82,558	1,498,479	2.2	3,291,559	12,320,794
1973	3,585,161	99,366	1,600,817	2.2	3,547,215	12,136,909
1974	3,286,106	102,456	1,617,707	2.3	3,705,968	11,031,651

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Self-guiding Trails	Conducted Hikes	Evening Programs	Special Groups	Total
1964	12	390,792	80,815	10,458	49,235	.....	507,800
1965	19	326,298	81,426	10,515	51,639	.....	469,914
1966	21	392,403	88,004	11,453	53,161	.....	545,021
1967	23	384,666	117,009	20,421	57,754	.....	579,850
1968	23	420,617	114,731	14,123	121,127	.....	661,598
1969	25	447,565	104,688	19,481	202,363	.....	774,097
1970	26	401,090	121,866	14,195	172,882	.....	754,021
1971	37	460,085	198,629	25,074	208,572	.....	892,760
1972	44	415,032	184,238	22,522	132,134	43,782	796,709
1973	60	433,200	216,436	27,147	178,557	33,974	894,314
1974	55	445,460	228,319	31,048	159,932	54,527	919,286

GROWTH OF PROVINCIAL PARKS

Year	Camping		Reserve Areas		Provincial Parks	
	Parks	Units	No.	Acreage	No.	Acreage
1964	76	14,622	50	559,502	88	3,711,464
1965	80	15,427	55	437,338	89	3,742,160
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	3,763,440
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	113	10,282,848
1972	94	19,983	133	1,324,388	115	10,363,312
1973	95	20,209	135	1,258,099	115	10,405,264
1974	95	20,036	128	1,120,861	117	10,466,469

117 PROVINCIAL PARKS IN OPERATION IN 1974

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
NORTHWESTERN REGION					
RED LAKE					
Pakwash	1,507	57	2,030	3,909	20,562
KENORA					
Rushing River	395	193	39,074	77,206	145,566
Sioux Narrows	322	71	5,788	11,269	18,561
FORT FRANCES					
Caliper Lake	246	92	6,615	9,911	50,200
Lake of the Woods	2,711	100	6,307	15,329	73,144
DRYDEN					
Aaron	128	93	9,495	10,713	33,219
Blue Lake	874	175	13,984	35,458	61,377
SIOUX LOOKOUT					
Ojibway	6,130	50	1,846	6,142	30,840
IGNACE					
Sandbar Lake	7,787	75	7,651	10,024	10,456
Total, 9 Parks	20,100	849	92,790	179,961	423,363
NORTH CENTRAL REGION					
ATIKOKAN					
Quetico	1,150,404	135	14,936	22,256	39,864
THUNDER BAY					
Inwood	82	80	12,971	13,258	15,228
Kakabeka Falls	1,030	161	30,432	43,889	384,324
Middle Falls	11	20	2,470	4,042	31,872
Sibley	52,897	222	16,384	31,455	37,764
NIPIGON					
Blacksand	3,353	80	4,103	7,866	9,530
GERALDTON					
Klotz Lake	210	31	3,316	4,266	11,221
MacLeod Lake	200	78	7,450	11,447	32,641
TERRACE BAY					
Neys	8,150	150	23,594	27,409	26,795
Rainbow Falls	1,422	185	14,277	15,195	17,598
WHITE RIVER					
Obatanga	23,250	110	11,417	16,273	29,448
White Lake	4,166	190	20,236	34,950	63,703
Total, 12 Parks	1,245,175	1,442	161,586	232,306	699,988
NORTHERN REGION					
HEARST					
Fushimi Lake	26,775	40	2,204	4,067	9,250
Nagagamisis	11,878	165	7,643	18,470	12,345
MOOSONEE					
Polar Bear	5,952,000	...	.....	.....	.....
Tidewater	2,421	36	1,464	3,120	4,501
KAPUSKASING					
Remi Lake	7,040	90	8,602	19,600	42,224

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
COCHRANE					
Greenwater	10,970	80	4,951	10,785	21,477
KIRKLAND LAKE					
Esker Lakes	7,680	136	6,537	19,912	25,190
Kap-Kig-Iwan	824	64	6,288	8,215	33,146
TIMMINS					
Kettle Lakes	2,417	168	11,877	26,357	58,175
CHAPLEAU					
Five Mile Lake	1,010	53	3,094	5,773	5,409
Ivanhoe Lake	3,000	150	7,449	23,626	55,015
Missinaibi Lake	157,334	48	1,876	7,741	2,881
The Shoals	26,680	58	3,793	7,796	19,290
Wakami Lake	21,760	68	2,510	10,755	20,662
Total, 14 Parks	6,231,789	1,156	62,288	166,217	309,565
NORTHEASTERN REGION					
WAWA					
Lake Superior	391,152	354	46,918	56,659	142,625
SAULT STE. MARIE					
Batchawana Bay	418	...	.....	.....	Free Entry
Pancake Bay	714	278	39,307	61,667	209,580
BLIND RIVER					
Mississagi	7,124	112	6,120	14,678	61,290
ESPANOLA					
Chutes	270	81	17,100	21,698	59,689
SUDBURY					
Fairbank	214	158	15,796	24,086	49,685
Halfway Lake	58,240	118	5,188	7,227	14,121
Killarney	84,369	140	12,415	33,711	33,467
Windy Lake	293	76	7,336	16,229	94,511
TEMAGAMI					
Finlayson Point	74	113	10,127	22,354	10,593
NORTH BAY					
Antoine	30	29	1,323	1,733	8,809
Marten River	1,054	216	13,771	33,811	72,699
Restoule	1,417	278	9,565	43,730	56,712
Samuel de Champlain	5,807	212	15,789	23,993	85,404
Total, 14 Parks	551,156	2,165	200,755	361,646	899,185
ALGONQUIN REGION					
PARRY SOUND					
Grundy Lake	6,310	520	38,086	109,253	158,776
Killbear Point	3,000	970	51,810	222,808	261,244
Oastler Lake	49	161	13,320	44,069	115,891
Sturgeon Bay	20	82	6,600	22,963	37,421
BRACEBRIDGE					
Arrowhead	2,162	389	30,235	87,226	161,385
Mikisew	289	265	13,489	49,369	52,415
ALGONQUIN PARK					
Algonquin	1,862,400	1,322	108,091	294,788	723,230
Driftwood	655	89	7,732	15,337	12,176

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
BANCROFT					
Lake St. Peter	61	57	4,322	12,374	61,004
Petroglyphs	2,878	...	.....	.....	14,227
PEMBROKE					
Bonnechere	254	114	6,331	21,757	13,683
Carson Lake	16	47	3,227	7,212	3,396
Total, 12 Parks	1,878,085	4,016	283,243	887,156	1,614,848
EASTERN REGION					
OTTAWA					
Fitzroy	486	251	18,796	41,901	139,423
Rideau River	213	186	18,074	28,353	116,960
CORNWALL					
Carrillon	1,715	302	16,769	30,647	97,928
South Nation	13	28	3,652	4,308	25,866
BROCKVILLE					
Charleston Lake	3,055	155	6,064	19,300	59,175
LANARK					
Silver Lake	78	190	16,958	28,492	81,207
TWEED					
Bon Echo	16,417	400	28,695	106,297	188,515
Sharbot Lake	99	191	18,006	36,663	61,539
NAPANEE					
Ferris	533	...	.....	.....	.....
Lake on the Mountain	5	...	.....	.....	.....
North Beach	74	...	.....	.....	73,278
Outlet Beach	305	530	63,373	132,608	560,572
Presqu'île	2,170	518	31,791	66,791	238,709
Sandbanks	1,761	(Camping report under Outlet Beach)			
Total, 14 Parks	26,924	2,751	222,178	495,160	1,643,172
CENTRAL REGION					
LINDSAY					
Balsam Lake	1,040	535	31,419	99,429	135,985
Darlington	380	368	38,125	54,005	150,577
Emily	157	299	21,362	48,705	143,525
Mark S. Burnham	100	...	.....	.....	32,277
Serpent Mounds	70	113	12,589	35,768	167,420
HURONIA					
Bass Lake	158	92	12,306	29,220	172,124
Devil's Glen	150	40	4,568	7,393	46,427
Earl Rowe	773	591	54,500	99,467	239,903
Mara	99	100	9,762	22,870	84,511
McRae Point	170	207	11,468	27,835	38,162
Six Mile Lake	183	192	20,093	44,324	158,360
Springwater	116	...	.....	.....	74,344
Wasaga Beach	344	...	.....	.....	317,776
MAPLE					
Sibbald Point	500	656	37,533	91,764	360,824

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Days	Total of Visitors
NIAGARA					
Rock Point	190	50	6,692	16,194	39,370
Total, 15 Parks	4,616	3,243	260,417	576,974	2,161,535
SOUTHWESTERN REGION					
SIMCOE					
Long Point	849	327	17,017	49,978	289,308
Selkirk	163	160	8,567	15,102	85,684
Turkey Point	782	390	15,707	35,602	252,819
AYLMER					
Iroquois Beach	349	233	7,464	15,505	172,935
John E. Pearce	168	...	.....	.....	Free Entry
Port Bruce	5	...	.....	.....	Free Entry
CHATHAM					
Holiday Beach	521	46	4,123	9,311	246,603
Ipperwash	201	265	17,997	80,617	206,536
Pinery	5,350	1,097	109,834	231,456	512,285
Rondeau	11,456	226	23,525	65,200	486,648
Wheatley	581	284	17,913	44,840	164,254
WINGHAM					
Point Farms	582	208	16,431	45,621	140,659
OWEN SOUND					
Craigleith	126	170	18,535	40,316	104,546
Cyprus Lake	1,616	250	26,322	66,227	213,562
Inverhuron	545	320	22,558	69,065	293,349
Sauble Falls	731	157	22,447	37,708	110,807
Total, 16 Parks	24,025	4,133	328,450	806,548	3,279,995
WILD RIVER PARKS					
Chapleau-Nemegosenda	25,000	(Chapleau)	.....	.....	.....
Lady Evelyn	10,000	(Temagami)	.....	.....	.....
Mattawa	8,143	(North Bay)	.....	.....	.....
Mississagi	25,000	(Blind River, Espanola, Chapleau)	.....	.....	.....
Winisk	415,400	(Geraldton)	.....	.....	.....
Total, 5 Parks	483,543	...	.....	.....	.....
NATURE RESERVES					
Gibson River	415	(Parry Sound)	.....	.....	.....
Matawatchan	160	(Pembroke)	.....	.....	.....
Montreal River	108	(Wawa)	.....	.....	.....
Purphyry Island	264	(Thunder Bay)	.....	.....	.....
Trillium Woods	25	(Aylmer)	.....	.....	.....
Waubauskene Beaches	84	(Huron)	.....	.....	.....
Total, 6 Parks	1,056	...	.....	.....	.....
TOTAL, 117 Parks	10,466,469	20,036	1,617,707	3,705,968	11,031,651

128 PROVINCIAL PARK RESERVE AREAS – September 1, 1975

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
NORTHWESTERN REGION		COCHRANE	
RED LAKE		Long Point Peninsula	18,500
Irregular Lake	370,000	Otter Rapids	486
KENORA		Pierre-Montreuil	42,088
Pipestone Peninsula	3,530	KIRKLAND LAKE	
Pistol Lake	4,046	McCann	640
FORT FRANCES		GOGAMA	
Pow-Wow Grounds	1,730	Dividing Lake	19,240
Sand Point Island	2,192	La Motte Lake	1,250
Total, 5 Areas	381,498	Total, 10 Areas	94,199
NORTH CENTRAL REGION		NORTHEASTERN REGION	
ATIKOKAN		WAWA	
Warner Lake	745	Pothole	870
White Otter Lake	60,000	SAULT STE. MARIE	
THUNDER BAY		Mark's Bay	258
Arrowhead Peninsula	850	BLIND RIVER	
Inwood	1,000	Aubrey Falls	17,000
Kashabowie	19,130	Mississagi	97,000
LaVerendrye W. R.	3,240	ESPANOLA	
Silver Falls	8,988	La Cloche	12,278
NIPIGON		SUDBURY	
Cypress River	600	Wanapitei Lake	1,300
Eaglehead Lake	750	TEMAGAMI	
Gravel Bay	250	W. B. Greenwood	23,000
Gravel River	800	NORTH BAY	
Humboldt Bay	73,000	Restoule	1,155
Kopka Lake	10,000	South Bay	3,963
Partridge Lake	6,500	Total, 9 Areas	156,824
GERALDTON		ALGONQUIN REGION	
Esnagami Lake	58,000	PARRY SOUND	
Lukinto Lake	2,250	Blackstone Harbour	16,734
Purgatory Chutes	100	Franklin Island	19
TERRACE BAY		McDonald Bay	1,100
Slate Islands	9,793	Magnetawan W.R.	19,572
Steel River	2,700	O'Donnell Point	2,130
WHITE RIVER		Round Lake	24,265
Kakakiwibik Lake	58,882	Shawanaga Basin	2,560
Kawapitapika Lake	2,800	South Limestone Island	11
Total, 21 Areas	320,378	BANCROFT	
NORTHERN REGION		Kawartha Highlands	3,804
HEARST		McKenzie Lake	3,408
Nagagami Lake	4,085	Papineau Lake	4
Rogers	1,510	Petroglyphs	2,827
KAPUSKASING		Silent Lake	1,942
(Chapleau-Hearst)		PEMBROKE	
Missinaibi W.R. . . . .	.....	Centennial Lake	10,025
TIMMINS		Madawaska W.R. . . . .	.....
Dana-Jowsey Lakes	6,400	Round Lake	306

Region, District Reserve Area	Area (Acres)
BRACEBRIDGE	
Bigwind Lake	5,625
Chetwynd	210
Ragged Falls	344
Trout Creek	3,579
MINDEN	
Gull River	67
Red Pine Lake	7,200
Total, 22 Areas	<u>105,733</u>

EASTERN REGION

BROCKVILLE	
Blue Mountain	1,795
Charleston Lake	1,517
LANARK	
Kilmarnock	63
Mouth of Tay	159
TWEED	
Baudner Property	86
NAPANEE	
Casey Point	81
Wolfe Island	714
Total, 7 Areas	<u>4,515</u>

CENTRAL REGION

LINDSAY	
Indian Point	2,118
Kendal Recreation Area	863
Peter's Woods	82
Quackenbush Site	121
Scugog Island	415
Wolf Island	464
HURONIA	
Allandale	198
Bass Lake	75
Boyne Valley	2,652
Couchiching	108
Devil's Glen	78
Giant's Tomb	11
Hawkstone Creek	100
Lavender Falls	400
Matchedash	6,200
Methodist Point	4,035
Minesing Swamp	1,082
Mono Rocks	1,258
Nottawasaga Lookout	540
Scott's Falls	1,194
Wasaga Backlands	2,100

Region, District Reserve Area	Area (Acres)
MAPLE	
Credit Forks	508
Duclos Point	238
CAMBRIDGE	
Cranberry Bog	20
Yaremko-Ridley	160
NIAGARA	
James N. Allen	279
Short Hills	816
Total, 27 Areas	<u>26,115</u>

SOUTHWESTERN REGION

AYLMER	
Komoka	98
CHATHAM	
East Sister Island	36
Fox Property	18
Peche Island	110
Pele Island	192
Tremblay Beach	154
Windsor Prairie	213
OWEN SOUND	
Beaver Valley Lowlands	1,334
Beaver Valley Ski Area	686
Cape Chin	1,080
Colpoy's Bluffs	533
Cyprus Lake	770
Dorcas Bay	168
Dyer Bay	182
Eugenia Lake (access point) . . . . .	...
Hogg's Falls	204
Hope Bay	1,141
Johnston Harbour	6,224
Kolapore Uplands	4,780
Lions Head Lookout	3
Lions Head Recreation Area	1,200
Meaford Lookout	772
Pretty River Valley	1,999
Spring Creek	78
Stinson Estate	119
Stokes Bay	703
Umbrella Lake	8,723
Total, 27 Areas	<u>31,521</u>

TOTAL, 128 Areas *1,120,861

*The total excludes Missinaibi and Madawaska Wild River park reserves.

DIVISION OF PARKS

PARK PLANNING BRANCH

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Systems Planner	R. Beatty	W-3315 . . 3981
Multi-Year Planner	D. Hallman	W-3315 . . 3981
Trails Planner	Mrs. P. Neice	W-3313 . . 3981
Master Planning	N. Richards, Spvr.	W-3313A . 3981
Master Planner	W. Sargeant	W-3304 . . 3981
Environmental Planning	H. J. Gibbard, Spvr.	W-3314 . . 3981
Earth Sciences	R. J. Davidson	W-3303 . . 3981
Life Sciences	T. J. Beechey	W-3303 . . 3981
Site Planning Unit (Maple)	I. Olcay, Spvr.	(416) 832-2261-336

DIVISION OF LANDS

Room W-1514, Main Office.

Telephone (416) 965-6045.

Executive Director	L. H. Eckel	W-1514 . . 6045
Administration	J. Botterill	W-6637 . . 2724
Program Analyst	Mrs. Janine Zend	W-1511 . . 1075

LANDS ADMINISTRATION BRANCH

Room W-1618, Main Office.

Telephone (416) 965-1316.

Branch Director	J. McGinn	W-1618 . . 1316
Public Lands Section	G. A. Simons, Spvr.	W-1408 . . 2741
Public Lands Management	W. P. Small	W-1301 . . 4507
Disposition	Miss J. A. Hunter	W-1407 . . 2743
Disposition Standards	G. J. Madill	W-1302 . . 1251
Mining Lands Section	J. C. Smith, Spvr.	W-1626 . . 1380
Administrator, Mining Lands	F. W. Matthews	W-1617 . . 6918
Eastern Ontario Mining Recorder	D. S. Andrews	W-1506 . . 1322
Control Officer, Mining Claims	W. Manza	W-1626 . . 1380
Eastern Ont. Mining Claims Inspector, 31 Springbrook Drive, Kawartha Heights, Peterborough	D. H. Leaper	(705) 743-6849
Land Acquisition Section	V. A. Leonard, Spvr.	W-1412 . . 2738
Titles Section	W. Good, Spvr.	W-1620 . . 1319
Document Officer	C. D. Egerton	W-1620 . . 1319
Acreage Tax Administrator	Mrs. D. H. Holland	W-6408 . . 1319
Records Officer	H. V. Argue	W-6408 . . 1319

FREE GRANT LAND — in years ending March 31

Year	Locations		Cancellations		Assignments		Patents	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1965	23	2,721	..	.....	11	1,319
1966	24	2,756	..	.....	12	1,307
1967	2	186	..	.....	7	732
1968
1969	3	268	1	68	2	168
1970	3	177
1971	1	100
1972
1973
1974
1975	1	48

AGRICULTURAL LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1965	16	1,384	48	4,778	..	.....	62	6,468	..	.....
1966	12	1,084	29	2,860	..	.....	42	4,362	..	.....
1967	6	476	15	1,591	..	.....	28	2,510	1	100
1968	1	160	2	240	..	.....	24	2,480	2	177
1969	2	226	2	235	..	.....	19	2,144	..	.....
1970	1	86	1	80	..	.....	8	902	1	9
1971	3	425	..	.....	..	.....	4	505	..	.....
1972	1	62	..	.....	..	.....	1	115	..	.....
1973	1	39	..	.....	..	.....	3	279	..	.....
1974	1	138	1	147	..	.....	3	236	..	.....
1975	2	171	..	.....	..	.....	4	593	..	.....

SUMMER RESORT LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Surveys	Crown Leases	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres		No.	Acres
1965	881	824	32	33	3	8	977	981	726	...	...
1966	856	863	23	21	17	25	833	925	838	...	...
1967	1,142	1,109	17	15	30	27	827	821	897	...	...
1968	944	977	20	24	27	23	961	940	746	...	...
1969	1,379	1,392	25	27	25	27	1,117	1,080	1,018	...	...
1970	1,563	1,565	16	19	32	30	1,065	1,195	1,447	...	...
1971	1,539	1,459	12	14	44	121	1,519	1,461	.....	...	...
1972	179	241	9	11	11	10	1,457	1,506	.....	284	473
1973	56	89	3	4	2	2	790	793	.....	398	313
1974	26	34	9	16	4	5	217	238	12	293	242
1975	22	21	3	5	41	27	56	115	27	508	628

CITIES, TOWNS AND TOWNPLOTS — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1965	27	7.140	13	2.840	1	0.394	45	15.019	1	0.13
1966	34	14.189	11	2.140	1	0.24	45	12.254	1	0.69
1967	27	10.275	5	1.063	1	0.09	23	13.106	..	.....
1968	37	12.491	5	1.165	5	1.18	37	14.986	1	0.50
1969	71	64.638	3	1.39	1	0.30	59	15.563	1	.....
1970	63	56.921	9	27.072	2	0.45	34	92.558	3	17.349
1971	31	97.983	1	0.110	..	.....	40	16.015	..	.....
1972	62	39.634	2	4.610	..	.....	49	38.267	1	0.130
1973	68	52.141	..	.....	..	.....	42	34.118	..	.....
1974	39	36.503	1	0.33	1	0.34	35	640.045	..	.....
1975	29	9.959	1	0.40	..	.....	43	46.520	..	.....

LAND FOR SPECIAL USE — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1965	86	622.792	8	432.33	..	....	126	16,667.445	22	1,916.369
1966	83	671.358	8	244.489	..	....	99	2,345.328	15	926.54
1967	128	1,462.543	3	47.01	..	....	149	3,916.502	13	937.583
1968	108	1,192.00	4	204.00	1	1.00	153	1,896.00	8	221.00
1969	125	3,283.274	4	466.39	1	0.22	144	3,803.024	10	246.37
1970	111	954.161	2	1.55	..	....	113	2,747.811	10	217.765
1971	104	1,658.862	..	.....	..	....	161	3,908.937	10	131.657
1972	73	2,058.114	9	411.912	..	....	118	4,122.455	8	49.715
1973	53	1,199.084	2	51.170	..	.....	99	24,587.129	8	155.17
1974	59	447.659	3	75.77	2	2.52	106	3,089.561	10	194.79
1975	46	496.078	..	.....	2	0.314	126	1,934.640	13	503.79

LICENCES OF OCCUPATION AND LEASES — in years ending March 31

Year	LICENCES OF OCCUPATION				LEASES					
	Issued		Cancelled		Issued			Cancelled		
	No.	Acres	No.	Acres	No.	Parks	Acres	No.	Parks	Acres
1965	32	.....	66	.....	127	..	.....	111	..	.....
1966	53	.....	71	.....	76	..	.....	86	..	.....
1967	65	1,458	90	2,891	82	..	404	97	..	1,214
1968	72	7,275	58	6,662	97	..	418	112	..	357
1969	61	3,575	62	8,609	81	..	351	94	..	415
1970	67	1,134	44	1,688	101	..	349	85	..	209
1971	50	3,383	64	363	25	..	236	22	..	176
1972	132	27,176	..	.....	126	..	2,991	..	..	.....
1973	85	4,281	4	326	48	49	411	8	4	28
1974	61	241	21	853	40	63	725	11	10	1,814
1975	88	843	37	521	82	66	731	29	70	150

MINING LANDS — in years ending March 31

Year	PATENTS		LEASES		Surface Rights		LICENCES OF OCCUPATION		QUIT CLAIM DEEDS AND REGRANTS	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1973*	...	.....	123	19,740	106	31,524	2	2,785	39	2,218.175
1974	3	124	26	1,571	80	23,721	4	820	40	3,408.400
1975	...	.....	210	11,887	99	23,218	3	295	32	1,632.150

PROSPECTING ACTIVITIES

Year	MINING CLAIMS			ASSESSMENT WORK (Days)	QUARRY PERMITS Issued	MINERS LICENCES	
	Recorded	Cancelled	In Good Standing			Issued	Renewed
1964	51,547	15,545	59,031	465,689	...	4,879	3,411
1965	38,757	28,500	69,288	1,156,463	367	2,925	5,010
1966	39,097	42,726	65,659	841,798	408	2,863	4,765
1967	32,271	39,693	58,237	968,431	401	1,882	4,313
1968	38,705	31,629	65,313	1,070,212	459	2,257	3,878
1969	45,852	31,621	79,544	1,369,470	484	1,768	3,347
1970	40,693	36,867	93,775	1,800,360	521	1,534	3,117
1971	24,410	42,501	75,684	1,251,205	...	1,310	3,192
1972	19,267	37,753	57,198	857,940	598	1,239	2,955
1973	18,170	30,065	45,116	598,337	661	1,287	2,601
1974	20,710	17,563	44,241	784,155	650	1,152	2,057

* January 1, 1972, to March 31, 1973.

LANDS ACQUIRED BY CROWN — Number of Acres in years ending March 31

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased or Otherwise Acquired	Total	Acreage Tax Forfeitures
1964	9,399	2,139	10,500	22,038	.....
1965	2,174	7,969	12,081	22,224	.....
1966	5,484	1,989	8,285	15,758	.....
1967	8,402	1,840	12,601	22,843	.....
1968	8,344	470	46,435	55,249	.....
1969	2,411	996	208,026	211,433	.....
1970	3,272	128	88,023	91,423	.....
1971	1,515	14	10,692	12,221	.....
1972	1,519	428	10,745	12,692	.....
1973	4,160	55	33,611	37,826	*68,750
1974	1,896	240	1,541,291	1,543,427	33,000
1975	831	5	13,062	13,898	28,000

* January 1, 1972, to March 31, 1973.

USE CATEGORY OF ACQUIRED LANDS — Acres in years ending March 31

Year	Provincial Parks	Access Points	Wilderness Areas	Sport Fisheries	Wildlife Mngt	Timber Mngt	District Imprvmts	Total
1968	9,142	1,135	357	8,829	3,328	32,632	154	55,577
1969	5,422	349	136	5,007	6,557	194,496	1,481	213,448
1970	3,633	350	21	1,318	3,091	83,240	3	91,656
1971	3,317	444	656	656	4,620	4,316	.....	14,009
1972	6,967	22	531	3,579	4,568	2,045	.....	17,712
1973	26,277	162	374	477	2,569	3,752	.....	33,611
1974	16,363	6	294	55	595	3,506	206	21,024
1975	10,359	10	50	2	2,435	200	6	13,062

DIVISION OF LANDS

SURVEYS AND MAPPING BRANCH

Room W-6602, Main Office.

Telephone (416) 965-6225.

Branch Director, Surveyor General	Robert G. Code	W-6602 . . 6225
Cadastral Surveys Section	M. Berman, Spvr.	W-6619 . . 2714
Crown Surveys and Examination	J. E. Hietala	W-6619 . . 2714
Survey Research, Descriptions	J. P. Campbell	W-6619 . . 2714
Survey Records Information	D. E. Jeanes	W-6406 . . 7058
Topographical Surveys Section	W. Jenns	W-6617 . . 4538
Geographical Referencing		
Co-ordinator, Geog. Referencing	J. Kerr	W-6601 . . 4538
Co-ordinator, Mapping Services	J. A. Haddon	W-6604 . . 4538
Inventory Section	B. Cardwell, Spvr.	W-3415 . . 6914
Forest Resources Inventory		
Field Operations	J. R. McKnight	W-3414 . . 6914
Darkroom	W. T. Masters	W-3501 . . 6914
Ontario Land Inventory		
97 Newkirk Road, Richmond Hill		
Forest Sector	D. Bates	(416) 884-8151
Recreation Sector	V. Mann	(416) 884-8151
Wildlife Sector . . . . .	. . . . .	. . . . .
Drafting Services Section	H. A. Sexton, Spvr.	W-6503 . . 7108
Crown Lands	D. F. MacKinnon	W-6502 . . 7108
Mining Lands	B. Kozij	W-1632 . . 1187
Forest Resources Inventory	R. R. Brown	W-3401 . . 6914
Ontario Land Inventory (R. Hill)	N. W. McLeod	(416) 884-8151
Conservation Authorities	W. J. Clark	W-4401 . . 3319
Lake Resources Inventory	J. M. Alvares-Lobo	F-1064 . . 3781
Scientific Review	R. Balgalvis	W-2317 . . 4534
Petroleum Resources	A. Beck	880 Bay St. . 1062
Cartography Section	J. G. Pound, Spvr.	W-2609 . . 4743
Supervisory Cartographers	F. W. Dawson	W-2617 . . 1822
	B. Jackson	W-2615 . . 1208
	P. A. Ralph	W-2615 . . 1804
	D. W. Robeson	W-2617 . . 1823
Ontario Geographic Names Board	M. B. Smart, Exec. Secy.	W-6606 . . 6515
Toponymist	P. J. Roulston	W-6606 . . 6515
Ontario Centre for Remote Sensing		
Associate Director	V. G. Zsilinszky	880 Bay St. . 8411
Training and Research	S. Palabekiroglu . . . . .	. . . . . 8411
Research Forestry	A. Boissonneau . . . . .	. . . . . 8411
Research Engineering	C. Graham . . . . .	. . . . . 8411
Production Interpretation . . . . .	. . . . .	. . . . .
Geotechnical Specialist . . . . .	. . . . .	. . . . .
Environmental Specialist . . . . .	. . . . .	. . . . .

DIVISION OF LANDS

LAND USE CO-ORDINATION BRANCH

Room W-1411, Main Office.

Telephone (416) 965-2899.

Branch Director	R. J. Bugar	W-1411 . . 2899
Land Use Planning Section	P. G. Rimmington, Spvr.	W-1412 . . 2899
Lake Planning	N. C. Gordon	W-1411 . . 5344
Land Use Liaison Section	E. M. Cressman, Spvr.	W-1412 . . 2899
Municipal Plan Review Section	E. F. Anderson, Spvr.	W-1411 . . 5344
Local Plan Analyst	K. G. McCleary	W-1411 . . 5344
Environmental Analyst	B. B. Benson	W-1411 . . 5344

PLANS REVIEWED — in years ending March 31

Year	SPECIFIC DEVELOPMENT PLANS			Official Plans, Amendments and Zoning By-Laws
	Subdivision	Severance	Other	
1973	698	60	20	113
1974	1,053	838	157	192
1975	936	1,779	277	355

PLANNING PROJECTS — in years ending March 31

Year	Ministry Plans	Other Ministries and Agencies Plans		Municipal Plans
1974	17		39	29
1975	74		78	123

FIELD SERVICES DIVISION

Room W-5615, Main Office. Telephone (416) 965-2781.

Executive Director	W.G. Cleaveley	W-5615 . . 2781
Administration	T.M. Van Dusen	W-5617 . . 2781
Office Manager	V.A. St. Onge	W-5619 . . 2781
Program Analyst	W.H. Bookbinder	W-5614 . . 2781

FOREST FIRE CONTROL BRANCH

Room W-5607, Main Office. Telephone (416) 965-2781.

Branch Director	W.L. Sleeman	W-5607 . . 2781
Fire Control	J.F. Goodman, Spvr	W-5602 . . 2781
Communications	J. Azevedo	W-5606 . . 2781
Flight Ops Officer, Malton Airbase	W.C. Clarke	(416) 248-3487

FOREST FIRE RECORD

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1917	\$ .....	\$ .....	.....	.....	384,164	1,110	346
1918	.....	.....	.....	.....	30,172	965	31
1919	.....	.....	.....	.....	922,161	1,780	518
1920	,.....	.....	.....	.....	358,851	1,287	279
1921	.....	.....	.....	.....	749,534	1,269	591
1922	.....	.....	.....	.....	346,193	1,021	339
1923	.....	.....	.....	.....	2,120,148	1,343	1,579
1924	.....	.....	.....	.....	146,017	851	171
1925	.....	.....	.....	.....	189,543	1,149	165
1926	.....	.....	65,888	22,486	88,374	1,110	80
1927	.....	.....	22,772	12,970	35,742	924	39
1928	.....	.....	96,436	3,947	100,383	536	187
1929	.....	.....	608,750	16,893	625,643	1,550	404
1930	.....	.....	357,531	354,278	711,809	1,402	508
1931	.....	.....	105,866	32,421	138,287	1,851	75
1932	.....	.....	626,555	52,466	679,021	2,073	328
1933	.....	.....	325,034	24,924	349,958	1,919	182
1934	.....	.....	160,348	38,285	198,633	1,568	127
1935	.....	.....	183,179	67,483	250,662	1,309	191
1936	.....	.....	1,153,876	110,557	1,264,433	2,264	558
1937	.....	.....	201,887	22,859	224,746	1,453	155
1938	.....	.....	96,168	42,077	138,245	1,292	107
1939	.....	.....	26,089	3,009	29,098	961	30
1940	.....	.....	100,990	20,624	121,614	1,014	120
1941	.....	.....	271,793	394,754	666,547	1,265	527
1942	.....	.....	77,709	36,007	113,716	1,224	93
1943	.....	.....	33,465	19,352	52,817	624	85
1944	.....	.....	73,228	95,663	168,891	1,137	149
1945	.....	.....	17,997	30,513	48,510	966	50
1946	.....	.....	44,656	32,113	76,769	1,739	44
1947	.....	.....	38,093	45,939	84,032	1,393	60
1948	.....	.....	854,778	162,611	1,017,389	2,036	500
1949	.....	.....	40,593	19,472	60,065	1,834	33
1950	55,148	103,682	13,203	23,577	36,780	985	37
1951	389,447	56,389	96,662	4,581	101,243	904	112
1952	29,504	31,347	7,264	5,157	12,421	1,095	11
1953	393,874	81,778	44,519	14,290	58,809	1,520	39
1954	406,241	15,650	36,115	18,578	54,693	881	62
1955	3,591,680	184,940	370,948	25,475	396,423	2,252	176
1956	3,068,152	22,319	221,822	4,390	226,212	1,017	222
1957	463,059	113,751	24,250	22,401	46,651	1,671	28
1958	311,503	97,036	25,544	11,108	36,652	1,558	24
1959	22,041	20,757	2,580	2,701	5,281	1,029	5
1960	438,094	56,442	29,190	2,196	31,386	956	33

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1961	\$31,989,802	\$152,638	1,180,900	3,828	1,184,728	1,305	908
1962	74,748	99,165	7,583	6,221	13,804	1,521	9
1963	706,888	39,932	40,692	15,446	56,138	1,885	30
1964	500,296	19,792	22,463	5,661	28,124	1,829	15
1965	386,850	254,105	14,995	4,909	19,904	1,218	16
1966	71,521	49,457	8,453	5,962	14,415	1,921	8
1967	1,353,919	87,638	58,733	4,769	63,502	1,465	43
1968	4,174	54,146	2,665	6,796	9,461	1,219	8
1969	134,756	4,623	4,481	1,653	6,134	901	7
1970	1,323,041	28,815	.....	.....	56,160	1,239	45
1971	462,064	75,875	.....	.....	36,199	1,790	20
1972	1,081,876	47,446	.....	.....	79,145	1,604	49
1973	11,944	121,900	5,973	2,940	8,913	1,111	8
1974	12,063,428	239,384	1,291,473	3,327	1,294,800	1,625	797

1974 FOREST FIRES

District	Acres Burned Over	Number of Fires	Acres Per Fire	Months	Acres Burned Over	Number of Fires	Acres Per Fire
Dryden . . .	85,572.2	68	1,258.5	March	4.2	2	2.1
Fort Frances .	118.4	50	2.4	April	2,178.0	227	9.6
Ignace	2,175.9	19	114.5	May	1,340.0	195	6.9
Kenora	3,428.5	182	18.8	June	530,513.7	285	1,861.5
Red Lake . . .	826,073.0	117	7,060.4	July	757,793.1	540	1,403.3
Sioux Lookout	161,462.9	80	2,018.3	August . . .	2,749.2	292	9.4
				September .	38.5	50	.8
Atikokan . . .	2,665.9	39	68.3	October . .	179.3	32	5.6
Geraldton . .	197,202.6	30	6,573.4	November .	4.2	2	2.1
Nipigon . . .	43.8	19	2.3	Total . .	1,294,800.2	1,625	796.8
Terrace Bay .	15.7	13	1.2				
Thunder Bay .	3,186.4	78	40.8				
White River .	2.7	2	1.3				
Chapleau . . .	7.3	13	.6				
Cochrane . . .	161.1	11	14.6				
Gogama	210.5	17	12.4				
Hearst	222.2	17	13.1				
Kapuskasing .	606.3	19	31.9				
Kirkland Lake	331.3	39	8.5				
Moosonee . .	8,019.0	9	891.0				
Timmins . . .	6.4	11	.6				
Blind River . .	130.0	34	3.8				
Espanola . . .	198.6	27	7.3				
North Bay . .	600.8	64	9.4				
Sault Ste Marie	30.1	15	2.0				
Sudbury . . .	925.4	209	4.4				
Temagami . .	4.0	26	.2				
Wawa	15.2	10	1.5				
Algonquin Park	34.7	44	.8				
Bancroft . . .	166.1	42	3.9				
Bracebridge .	92.8	52	1.8				
Minden . . .	278.0	50	5.6				
Parry Sound .	85.7	56	1.5				
Pembroke . .	355.0	63	5.6				
Lanark	18.7	8	2.3				
Tweed	257.9	63	4.1				
Hurononia . . .	5.8	5	1.2				
Lindsay . . .	69.2	12	5.8				
Niagara	10.0	1	10.0				
Owen Sound .	10.1	11	.9				
Total . .	1,294,800.2	1,625	796.8				

DETECTION OF FORESTS FIRES

Agencies of Detection	1967	1968	1969	1970	1971	1972	1973	1974
Towers	356	275	190	210	287	129	12	8
Ministry Aircraft	161	53	96	195	308	395	176	406
Total Organized Dtn . .	517	328	286	405	592	524	188	414
Public	866	866	579	711	1,098	909	852	1,093
Other Aircraft	82	25	36	123	100	171	71	118
Total Random Dtn . . .	948	891	615	834	1,198	1,080	923	1,211
Total Fires	1,465	1,219	901	1,239	1,790	1,604	1,111	1,625
%age, Organized Dtn . . .	35	27	33	25	33	33	17	25

SIZES OF FOREST FIRES

Area Burned Over	1967	1968	1969	1970	1971	1972	1973	1974
Up to 1/4 Acres	630	481	474	645	894	703	523	711
Over 1/4 to 10 Acres	712	602	383	508	755	757	534	713
Over 10 to 100 . . . Acres	99	118	36	61	108	97	43	112
Over 100 to 500 . . . Acres	16	17	6	11	17	26	6	29
Over 500 Acres	8	1	2	14	16	21	5	60
Total Fires	1,465	1,219	901	1,239	1,790	1,604	1,111	1,625

PROSECUTIONS

Actions re Forest Fires	1967	1968	1969	1970	1971	1972	1973	1974
Prosecutions	31	41	34	18	63	50	32	68
Convictions	27	36	29	16	55	43	29	56

CAUSES OF FOREST FIRES – I

GENERAL CAUSES	1967	1968	1969	1970	1971	1972	1973	1974
Recreation	567	356	256	363	702	346	357	412
Resident	203	262	128	150	192	206	164	223
Incendiary	23	32	9	21	27	29	25	19
Railways	176	141	78	125	152	175	149	158
Industry (Forest)	10	18	7	3	24	13	13	17
Industry (Other)	38	44	21	20	49	35	30	22
Miscellaneous (Known)	236	270	191	140	282	252	165	177
Unknown	14	17	9	14	23	20	35	51
Lightning	198	79	202	403	339	528	173	546
Total Fires	1,465	1,219	901	1,239	1,790	1,604	1,111	1,625

CAUSES OF FOREST FIRES – II

SOURCE OF IGNITION	1967	1968	1969	1970	1971	1972	1973	1974
Smoking Materials	442	325	212	250	405	263	242	264
Camp Fires	219	117	139	164	357	155	168	184
Matches	120	127	65	78	140	146	88	120
Fireworks	31	25	18	10	30	32	2	2
Explosives	2	1	1	...	...	4	1	1
Fusee	13	2	8	6	10	13	7	19
Prescribed Burning	9	...	1	2	...	1	0	3
Dump Ashes, Coals	3	8	3	2	4	3	3	7
Burning Grass	47	47	32	39	50	45	58	74
Burning Brush	26	42	23	19	34	32	28	30
Burning Rubbish	56	70	31	42	33	37	32	50
Burning Garbage Dump	31	49	24	15	41	35	24	29
Burning Bulldozed Pile	5	7	1	...	3	5	0	3
Burning Sawdust Pile	3	...	...	1	3	...	3	1
Burning Ties	8	...	1	...	4	...	4	6
Burning Right of Way	8	15	6	7	21	14	3	5
Locomotive, Diesel	61	33	21	50	27	13	26	7
Locomotive, Steam	1	...	...	...	...	...	0	...
Brake Shoe	59	72	34	45	90	117	87	90
Hot Box	1	3	...	2	...	2	7	3
Power Saw	5	1	3	1	3	3	1	4
Mechanical Equipment	11	12	7	8	17	18	17	25
Power Line (Short)	10	26	13	19	24	22	18	18
Sparks from Chimney	11	6	1	2	5	3	1	3
Sparks from Burner	5	3	1	3	2	5	2	5
Structural Fires	16	29	14	19	27	18	12	11
Miscellaneous (Known)	20	27	13	8	24	18	18	22
Unknown	47	64	27	44	97	73	86	93
Lightning	198	79	202	403	339	527	173	546
Total Fires	1,465	1,219	901	1,239	1,790	1,604	1,111	1,625

CAUSES OF FOREST FIRES – III

RESPONSIBLE GROUPS	1967	1968	1969	1970	1971	1972	1973	1974
RECREATION								
Fishermen	205	120	118	113	284	137	137	125
Hunters	47	17	15	12	35	20	28	13
Canoeists	5	8	10	13	38	10	14	20
Campers	49	30	30	37	87	38	40	52
Picnickers	14	9	10	15	20	6	9	13
Berry Pickers	82	21	23	85	55	18	58	88
TRAVELLERS								
Car Passengers	117	124	79	61	95	102	59	67
Hikers	40	29	27	27	74	26	21	29
Train Passengers	1	2	1	3	3	1	1	1
Guided Parties	2	...	...	1	...	...	0	1
RESIDENTS								
Farmers	24	50	14	11	29	24	14	18
Rural Residents	115	129	53	81	65	106	105	142
Urban Residents	24	12	8	4	15	13	11	9
Private Cottagers	39	46	33	23	40	33	24	39
Resort Owners	4	9	...	4	3	2	5	1
Indians (on Reserves) . . .	11	14	7	7	14	13	4	10
VOCATION								
Trappers	1	5	4	...	1	...	1	...
Prospectors	3	2	1	...	2	3	3	2
Timber Cruisers . . . . .	...	...	...	...	...	...	0	...
Survey Parties	1	...	1	...	1	...	0	...
Military . . . . .	...	1	1	...	1	1	0	1
EMPLOYEE OFF—								
Woods Industry	14	18	5	4	18	16	12	17
Mining	1	6	2	1	4	...	8	3
Pipeline . . . . .	...	...	...	...	17	1	1	...
Hydro	4	6	5	11	10	11	7	4
Telephone . . . . .	...	1	...	...	...	1	0	...
Highway or Road	5	8	4	4	2	3	1	2
R.R. Section Crew	15	16	6	6	15	18	6	15
R.R. Train Crew	131	115	63	103	125	141	135	127
R.R. Work Crew	12	5	5	8	5	6	7	9
Other Industry	15	11	4	7	10	8	5	5
Natural Resources	1	1	2	3	6	4	2	8
Other Prov Government . .	...	...	...	...	...	1	1	...
Federal Government . . . .	...	1	1	...	...	...	1	1
Municipality	7	5	2	1	1	6	3	2
MISCELLANEOUS								
Children	156	164	85	99	202	164	100	111
Youth Camps	8	10	3	1	4	1	1	...
Miscellaneous (Known) . . .	28	49	34	30	72	37	25	35
Unknown	85	96	43	61	98	106	84	108
Total Man-Caused Fires .	1,267	1,140	699	836	1,451	1,077	938	1,078
Percentage of All Fires . . .	87	94	78	67	81	67	84	66

FIELD SERVICES DIVISION

AIR SERVICE BRANCH

Box 310, Sault Ste. Marie, Ont P6A 5L8. Telephone (705) 949-1231.

Branch Director	T. C. Cooke	1231
Maintenance Superintendent	C. E. Whittington	1231
Chief Pilot	W. K. Warner	1231
Accountant	P. F. Yade	1231
Purchasing Officer	H. J. McMillan	1231
Quality Control Inspector	D. J. Moffatt	1231

AIR SERVICE SUMMARY — I — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Surveys	Lands	Parks	Research	Inter- Ministry	Photo	Mercy Flights	Misc	Total
1951	4,210	938	2,029	...	283	...	303	232	...	64	2,998	11,067:10
1952	5,498	903	2,086	...	153	...	360	188	273	168	3,171	12,800:20
1953	5,278	674	1,980	97	149	...	266	150	280	56	2,959	11,888:50
1954	6,302	982	1,972	124	376	...	386	574	186	53	2,609	13,564:10
1955	5,095	1,048	2,362	181	246	...	284	398	244	34	2,497	12,388:30
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05
1973	2,354	1,110	3,542	43	1,005	930	291	1,805	365	42	3,064	14,551:15
1974	4,355	70	4,057	440	778	777	115	1,930	...	81	1,430	14,033.6
1975	5,840	59	3,384	412	631	850	...	1,162	...	41	3,076	15,455.2
1924-75												
Total	213,989	29,074	86,253	1,558	10,050	9,282	7,533	18,252	3,065	1,622	152,062	532,741.0

AIR SERVICE SUMMARY — II — in years ending March 31

Year	Mercy Flights	Passengers Carried	Flight Crew	Loads Carried Tons	Pounds
1965	17	30,235	4,842	5,434	394
1966	15	28,409	4,983	4,998	507
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
1973	28	32,050	22,418	13,568	1,880
1974	41	31,900	22,346	8,023	1,922
1975	19	26,558	17,156	12,686	1,531
1924-75					
Total	453	973,452	333,567	192,925	1,434

HELICOPTERS (Leased and Contract) — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Misc	Total
1964	1,604	187	77	232	2,099:35
1965	1,423	32	30	424	1,098:50
1966	937	142	136	193	1,408:50
1967	1,643	102	154	295	2,193:40
1968	1,205	163	261	485	2,114:30
1969	620	343	289	650	1,902:15
1970	920	340	460	602	2,322:40
1971	1,106	333	798	978	3,214:30
1972	1,510	175	472	343	2,500:30
1973	2,221	82	116	613	3,032:10
1974	572	224	120	1,231	2,147:9

FIELD SERVICES DIVISION

ENGINEERING SERVICES BRANCH

Room W-5620, Main Office.

Telephone (416) 965-1271.

Branch Director	S. B. Panting	W-5620A . 1271
Audit and Design	R. M. Odell	W-5629 . . 1271
Fleet and Equipment Management	J. E. Branchaud	W-5625A . 1271
Roads Co-ordinator	G. E. Holman	W-5620 . . 1271
Water Resources	W. J. McMullen	W-5625 . . 1271
Shore Management	K. K. Tsui	W-5623A . 1271
Special Services	R. A. Weir	W-5623 . . 1271

VEHICLES AND EQUIPMENT IN SERVICE — in year ending March 31, 1975

Type	Fixed Complement	*Number in Operation
Sedans	230	289
Station Wagons	90	96
Pick-Ups	634	753
Pick-Ups 4 x 4	73	86
Crew Cabs	73	76
Suburban Travelall	24	31
Crew Cabs 4 x 4	45	45
Suburban Travelall 4 x 4	24	26
Passenger Vans	32	34
Cargo Vans	37	38
10,000 GVW Trucks	79	89
10,000 GVW (Garbage Packers)	11	11
15,000 GVW Trucks	12	15
19,000 GVW Trucks	73	83
19,000 GVW Trucks 4 x 4	02	02
24,000 GVW Trucks	61	69
27,000 GVW Trucks	26	33
34,000 GVW Trucks	01	01
34,000 GVW (Garbage Packers)	02	02
34,000 GVW Truck Tractors	01	01
54,000 GVW Tandem Trucks	02	02
10,000 GVW Trucks c/w 30' aerial bucket	01	01
24,000 GVW Trucks c/w 50' aerial bucket	01	01
50,000 GVW Equipment Float	01	01
Passenger Buses	17	01
TOTAL	1,552	1,786
Snowmobiles	512	532
Motorcycles	17	25
Tractors & ATV	262	286
Trailers (boat and equipment)	754	768
Trailers (refrigerated semi-trailers)	01	01

*Number includes replacements and vehicles to be disposed of.

CONSERVATION AUTHORITIES BRANCH

Room W-5501, Main Office.

Telephone (416) 965-6285.

Branch Director	A. D. Latornell	W-5501 . . 6287
Water Planning Coordinator	J. W. Murray	W-5501 . . 6294
Water Management	T. M. Kurtz, Spvr.	W-5501 . . 6295
Water Management Planning	R. B. Chang	W-5501 . . 6281
Hydrology & Regulations	G. S. Sardesai	W-5501 . . 6281
Hydrometeorologist	D. W. McMullen	W-5502 . . 6292
Land Management & Administration	W. C. Calvert, Spvr.	W-5501 . . 6285
Land Use Planner	A. S. Ansell	W-5501 . . 6285
Land Management Forester	R. J. Dickie	W-5635 . . 6275
Recreation Planner	Mrs. S. E. Shaw	W-5501 . . 6285
Financial Services	R. F. McDougall	W-5414 . . 7694

GRANTS TO CONSERVATION AUTHORITIES

Year	Adminis- tration	Conservation Areas	Niagara Escarpment	Conservation Services and Sundry Capital	Lake Ontario Waterfront	Water Control	Dam Operation	Total
1970	\$ 1,851,105	\$ 2,619,771	\$ 401,981	\$	\$	\$ 5,946,453	\$ 233,605	\$ 11,052,915
1971	2,048,522	2,638,276	804,763	. . . . .	824,816	5,936,613	177,940	12,430,930
1972	2,424,768	2,790,100	548,792	. . . . .	659,311	10,704,795	232,774	17,360,540
1973	2,819,126	8,745,435	1,859,027	826,484	1,815,510	11,494,112	284,221	27,843,915
1974	3,662,779	5,633,247	1,319,789	592,866	5,095,996	11,706,636	264,813	28,276,126

FINANCE AND ADMINISTRATION DIVISION

Room W-6314, Main Office.

Telephone (416) 965-6147.

Executive Director	G.D. Spry	W-6314 . . 6147
Program Analysis Co-Ordinator	M.W. Cox	W-6310 . . 4218
Systems Co-Ordinator	G.M. Longley	W-5416 . . 5674

FINANCIAL MANAGEMENT BRANCH

Room W-4324, Main Office.

Telephone (416) 965-2761.

Branch Director	A.C. Goddard	W-4324 . . 2761
Budget Section	M.J. Churchill	W-4322 . . 1895
Financial Methods Section	C.K. Moulson	W-4402 . . 1218
Internal Audit Section	R.A. Groves	W-4332 . . 4087
Finance and Cost Analyst	E.E. Bayer	W-4331 . . 2761
Chief Accountant	W.A. Brown	W-4328 . . 2761
Financial Reporting Section	A.J. Mak	W-4331 . . 2761
Accounts Payable Section	T.J. Tunnicliff	W-4319 . . 2764
Revenue Accounts & Security Deposits Sect.	F.J. Morrell	W-5402 . . 2770
Payroll Section	K.D. Plouffe	W-4401 . . 2766
Fish & Wildlife Licence Issuing Section	F.J. Bailes	W-4304 . . 2814
Mining Revenue Section	K.H. Stahl	W-1413 . . 1314
Revenue Receiving Section	I.W. Dewell	W-4335 . . 4451
Accounting Claims, Special Assignments	F. Da Silva	W-4331 . . 2761

REVENUE AND EXPENDITURES* — in years ending March 31

Year	CASH RECEIPTS			CASH DISBURSEMENTS		
	Ordinary	Fixed Assets	Total General Revenue	Ordinary	Capital	Total General Expenditure
	\$	\$	\$	\$	\$	\$
1964	22,584,169	640,057	23,224,226	27,815,029	3,557,125	31,372,154
1965	23,373,311	768,852	24,042,163	28,667,274	1,562,776	30,230,050
1966	25,513,416	822,939	26,336,355	28,528,700	3,893,760	32,422,460
1967	26,288,442	1,129,352	27,417,794	36,307,310	5,905,588	42,212,898
1968	28,755,044	1,225,300	29,980,344	42,807,111	8,006,755	50,813,866
1969	32,291,089	1,488,316	33,779,405	48,375,965	10,343,575	58,719,540
1970	37,550,207	**1,968,479	39,518,686	.....	.....	†61,452,671
1971	38,441,964	1,415,841	39,857,805	.....	.....	71,501,138
1972	31,759,228	464,038	32,223,266	.....	.....	92,486,312
1973	.....	.....	††55,161,863	.....	.....	138,797,387
1974	.....	.....	††89,660,894	.....	.....	158,627,096
1975	.....	.....	††201,149,345	.....	.....	190,475,669

*Revenue and expenditure for 1973 includes Conservation Authorities Branch, Historical Sites Branch, Department of Lands and Forests, Department of Mines and Northern Affairs, and the St. Lawrence Parks Commission. Prior years' revenue and expenditure cover the Department of Lands and Forests only.

**Prior years designated as Capital Receipts.

†Expenditures designated as Ordinary and Capital in prior years.

††Receipts designated as Ordinary and Fixed Assets in prior years.

TIMBER REVENUE — in years ending March 31

Year	Crown Dues	Ground Rent	Forest Prot Charges	Cash Deposits and Refunds	Misc	Total
	\$	\$	\$	\$	\$	\$
1965	12,442,384	88,569	1,153,344	16,177	29,239	13,729,713
1966	13,770,045	83,865	1,083,416	64,461 *	20,715	14,893,580
1967	13,273,094	85,950	1,123,840	38,958	44,628	14,566,470
1968	15,006,187	118,105	1,519,165	22,730 *	94,084	16,714,811
1969	14,704,603	239,304	3,125,169	20,422	100,289	18,189,787
1970	17,501,304	169,426	2,213,672	18,268 *	105,368	19,971,502
1971	18,325,410	218,007	2,309,940	6,565	371,238	21,231,160
1972	12,600,145	135,390	1,795,274	8,646 *	**822,026	**15,344,189
1973	13,219,732	146,230	1,900,485	30,467 *	909,978	16,145,958
1974	14,608,689	143,352	1,872,543	29,454 *	827,784	17,422,914
1975	19,990,207	133,588	1,837,245	14,609 *	1,270,990	23,217,421

LANDS REVENUE — in years ending March 31

Year	Crown Land Sales	Crown Land †Rentals	Park Pits & Quarries †Rentals	Quarries Licences	Land Aquisition	Misc	Total
	\$	\$	\$	\$	\$	\$	\$
1965	512,998	458,235	33,604	.....	.....	19,413	1,024,250
1966	495,852	324,548	32,041	.....	.....	198,039	1,050,480
1967	732,281	346,762	34,265	.....	.....	356,877	1,470,185
1968	778,884	399,445	30,987	.....	.....	309,784	1,519,100
1969	1,113,794	384,822	30,781	.....	.....	422,869	1,952,266
1970	1,279,054	447,174	36,915	.....	.....	626,471	2,389,614
1971	1,088,147	464,483	27,109	.....	.....	680,627	2,260,366
1972	218,412	571,925	23,734	.....	.....	222,786	1,036,857
1973	159,234	384,238	26,525	33,550	7,009	282,572	893,128
1974	1,334,071	369,970	25,488	58,850	14,415	280,926	2,083,720
1975	161,522	447,042	31,170	73,625	54,548	302,114	1,070,021

CONSERVATION AUTHORITIES BRANCH REVENUE

— in years ending March 31

Year	Reservoir & Rural Water Supply **	**Flood Control and Water Conservation Projects	Recovery of Prior Year's Expenditure	Total
1973	226,476	630,054	322,251	1,178,781
1974	330,540	893,799	368,334	1,592,673
1975	501,690	375,339	488,156	1,365,185

* Refunds in excess of deposits.

** Includes Reimbursements of Expenditures.

† Leases and Licences of Occupation.

MINING REVENUE — in years ending March 31

Year	Licences and Permits	Services**	Mining Claims	Sale of Mining Lands	Rentals	Royalties	Taxes	Forfeit- ures	Labor- atory Fees	Rec. of Prior Years Expenditure	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1965	112,942	68,144	628,434	2,209	291,393	348,673	14,579,869	....	123,868	....	16,155,531
1966	94,760	45,472	493,227	3,129	253,330	367,184	15,093,996	....	125,472	....	16,476,570
1967	91,800	45,876	506,872	2,781	275,881	428,329	10,851,512	....	120,826	....	12,323,877
1968	77,682	55,844	580,918	11,929	643,733	412,329	16,334,342	....	130,279	....	18,247,056
1969	88,213	63,326	638,096	1,742	657,513	410,507	19,819,810	....	134,064	....	21,813,272
1970	76,884	65,060	700,055	—	707,070	433,642	24,541,463	1,268	129,856	....	26,655,298
1971	90,007	72,466	604,624	—	646,958	538,408	25,441,642	98,814	133,651	....	27,626,570
1972	119,896	51,714	399,156	908	573,951	792,223	13,965,745	5,285	140,500	15,663	16,065,041
1973	93,663	....	338,982	2,635	743,246	720,645	17,018,059	6,710	85,185	92,801	19,101,926
1974	77,530	....	334,526	1,938	858,567	744,462	46,962,605	6,710	107,716	106,554	49,200,608
1975	74,551	....	343,316	1,691	990,396	763,939	152,802,601	4,900	122,902	96,215	155,200,511

PROVINCIAL PARKS REVENUE — in years ending March 31

Year	Vehicle Permits	Campsite Permits	Concessions Rental	Historical Sites Lic & Permits	St. Lawrence Lic & Permits	Federal Assistance	Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1965	591,748	626,034	95,487	....	....	....	21,945	1,335,214
1966	901,300	863,704	95,082	....	....	....	24,849	1,884,935
1967	1,024,315	935,513	105,670	....	....	....	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	....	....	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	....	....	....	95,986	2,413,613
1970	609,390	1,937,078	131,033	....	....	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	....	....	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	....	....	104,467	43,006	3,538,133
1973	708,726	3,265,999	234,632	106,181	1,289,360	*155,789	22,250	5,782,937
1974	759,614	3,605,009	227,827	123,498	1,445,316	....	49,360	6,210,624
1975	693,184	3,743,651	416,110	154,060	1,495,828	*68,882	45,453	6,617,168

*Prior year expenditure.

**Included in Ministry totals from 1973.

FISH AND WILDLIFE REVENUE

— in years ending March 31

Year	Non-Res Angling	Res. P.P. Angling	Resident Angling	Other Fishing	Commercial Fishing	Royalty Fish	Non-Res Hunting	Resident Bear	Resident Deer	Resident Moose
1965	\$ 2,656,575	\$ 39,227	\$	\$ 23,007	\$ 97,735	\$ 1,783	\$ 1,278,264	\$ 2,083	\$ 493,979	\$ 366,693
1966	2,808,858	38,258	.....	23,292	99,982	975	1,478,195	2,917	533,179	422,535
1967	2,932,274	38,859	.....	28,020	108,092	724	1,859,144	4,066	546,667	436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679
1973	4,289,712	.....	44,156	53,132	90,218	.....	2,240,435	5,604	788,314	921,024
1974	4,494,915	.....	5,394	55,962	87,824	.....	2,752,935	6,790	797,826	1,134,734
1975	4,680,140	.....	.....	69,308	91,083	.....	2,582,421	7,298	806,438	1,189,524

Year	Resident Groundhog	Res (Gun) Hunting	Dog	Trappers	Fur Dealers	Royalty Game	Hunter Exam Fee	Pro Park Hunting	Misc	Total
1965	\$ 32,347	\$ 309,060	\$ 24,269	\$ 34,744	\$ 3,586	\$ 252,380	\$	\$ 20,869	\$ 92,477	\$ 5,729,078
1966	36,919	328,177	25,732	32,911	3,326	197,077	.....	25,176	95,792	6,153,301
1967	39,443	331,256	25,934	31,641	2,950	223,867	.....	27,764	109,254	6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622	11,649	31,320	***131,521	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626	68,901	31,955	53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364	73,707	29,909	53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154	73,372	33,624	f-313,168	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567	76,253	33,178	147,698	9,496,326
1973	73,186	921,030	21,889	39,727	2,345	.....	81,084	32,189	120,500	9,724,545
1974	67,286	970,532	17,979	45,900	2,230	..(T)..	95,991	31,384	166,718	10,734,400
1975	71,151	947,986	16,708	45,817	2,800	.....	106,614	32,859	117,519	10,767,657

* Resident Angling Licence discontinued January 1, 1971.

** Refund of prior year's licence fees.

*** Fines included to March 31, 1968: reported after that date by Department of Justice.

f- Includes federal share of loans to commercial fishermen.

(T) Included in Timber Revenue as of April 1, 1973.

OTHER CASH RECEIPTS — in years ending March 31

Year	Provincial Land Tax	Sale of Maps Publications etc.	Flying Fees	Fire Costs Recovered	Nursery Tree Sales	House Rentals	Sale of Land & Bldgs	Sale of Van & Eqpt	Agreements Outside Agencies	Fed- eral*	Non-recurring Items and Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1965	1,440,259	142,129	24,355	111,656	127,414	.....	.....	.....	.....	.....	.....	1,845,813
1966	1,528,775	121,514	26,664	72,007	143,283	.....	.....	.....	.....	.....	.....	1,892,243
1967	1,772,838	136,660	31,878	81,667	106,888	.....	.....	.....	.....	.....	.....	2,129,931
1968	1,761,796	136,921	38,715	124,489	129,535	.....	.....	.....	.....	.....	.....	2,191,456
1969	1,754,617	169,603	44,572	84,249	159,354	.....	.....	.....	.....	.....	.....	2,212,395
1970	2,033,837	157,161	67,983	87,512	189,535	.....	.....	.....	.....	.....	.....	2,536,028
1971	1,932,379	175,600	65,321	54,589	180,679	.....	.....	.....	.....	.....	.....	2,408,568
1972	2,013,687	181,952	74,185	112,198	196,725	.....	.....	.....	.....	.....	.....	2,578,747
1973	R	977,647	101,482	180,979	209,552	260,394	84,572	12,839	15,179	211,737	280,207	2,334,588
1974	.....	1,254,868	53,993	125,277	243,857	271,103	21,802	366,613	13,341	14,549	50,853	2,415,955
1975	.....	1,440,079	53,010	80,305	200,566	347,971	85,488	9,861	7,650	366,896	319,556	2,911,382

R — Reported by Ministry of Revenue as of April 1, 1973.

* Includes reimbursement of expenditures.

FINANCE AND ADMINISTRATION DIVISION

PERSONNEL BRANCH

Room W-1608, Main Office.

Telephone (416) 965-3825.

Branch Director	H. B. Farrant	W-1608 . . 3825
Manpower Section	M. K. Szulc	W-1504 . . 6091
Manpower Planning	C. H. Bennett	W-1518 . . 2707
Staffing	Miss N. Miller	W-1521 . . 2707
	Mrs. R. Kelly	W-1522 . . 2707
Staff Development	E. Graham	W-1414 . . 6091
Jr. Ranger and Youth Programs	M. T. Campbell	W-1502 . . 1258
Compensation Section	J. A. Temple	W-1401 . . 6091
Office Services	Mrs. C. Mahon	W-1332 . . 3961
Classifications	Mrs. E. Thomas	W-1332 . . 3961
Records	Mrs. D. Schroeder	W-1332 . . 3961
Employee Relations	A. Jackel	W-1608 . . 3825
Women's Co-ordinator	Mrs. E. Rhodes	W-1511 . . 3825

STAFF SUMMARY

Staff at March 31	1973	1974	1975
Regular Staff	3,732	3,453	3,305
Probationary Staff	256	522	779
Unclassified Staff	1,349	1,192	1,910
Total Staff	5,337	5,167	5,994
Main Office Staff	1,788	1,551	1,285
Field Office Staff	3,549	3,616	4,709
New Employees	318	402	386
Deceased	6	9	11
Superannuated	64	71	80
Transferred	101	30	21
Resigned	143	197	206
Dismissed	6	3	1
Miscellaneous	13	12	25
Total Separations	333	322	344
Biologists	92	98	115
Economists	9	8	8
Engineers	22	22	24
Foresters	214	242	240
Geologists	48	53	58
Mining Engineers	23	30	32
Park Planners	17	16	23
Scientists	46	48	50
Miscellaneous	89	44	42
Professional Staff	560	561	592
Air Engineers	40	39	40
Cartographers	31	28	28
Communications Techs.	22	24	34
Construction Supts.	10	10	11
Draftsmen	60	63	77
Geologist Assistants	16	13	14
Insp. Mining Claims	7	10	6
Laboratory Techs.	34	32	34
Mechanics	61	59	54
Mines Rescue Trg Off.	9	9	9
Mining Recorders	11	9	31
Northern Affairs Officers	33	33	33
Pilots	41	41	37
Resource Managers	25	24	25
Resource Techs.	1,491	1,445	1,512
Safety Instruction Off	15	14	13
Scalers, licensed	989	857	876
Junior Rangers	2,082	1,493	1,618

FINANCE AND ADMINISTRATION DIVISION

NORTHERN AFFAIRS BRANCH

26 Broadalbane St., Toronto, Ont M4Y 1C3. Telephone (416) 965-7577.

Branch Director	R.V. Scott	(416) 965-7577
Co-Ordinator	J.S. Grant	7577
	D.W. Masdorp	7578
	N. Thornley	7578

NORTHWESTERN REGION and
NORTH CENTRAL REGION

Thunder Bay 'F' — 140 South May St. . . .	D.A. Myles, spvr	(807) 475-1425
Staff Officer	Miss R. McLennan	1425
Sioux Lookout — Provincial Bldg	S. Willis	(807) 737-1318
Red Lake — 242 Howey St.	P. Mostow	(807) 727-2870
Kenora — Court House	K.D. Pride	(807) 468-5548
Dryden — 7 King St.	B. England	(807) 223-5231
Fort Frances — 333 Church St.	F.B. Whitehead	(807) 274-5329
Atikokan — 123 Marks St.	M.J. Kaliska	(807) 597-2701
Thunder Bay 'F' — 140 South May St. . . .	J. L. Scott	(807) 475-1425
Geraldton — 103 Main St.	A.C. Leeder	(807) 854-0266
Marathon — Gilbert St.	J.B. Young	(807) 229-1153

NORTHERN REGION

Timmins — 60 Wilson Ave.	K.J. Scully, spvr	(705) 267-1401
Staff Officer	G. Garant	1401
Moosonee — Ontario Government Bldg . . .	(vacant)	(705) 336-2991
Kapuskasing — 42 McPherson Ave	C. Lefebvre	(705) 335-6008
Cochrane — 161 Sixth Ave.	G. Rhodes	(705) 272-4274
Timmins — 60 Wilson Ave.	F. Thomson	(705) 267-1401
Kirkland Lake — 32A Prospect Ave.	R.K. Clark	(705) 567-3291
New Liskeard — 49 Armstrong	R. Sayer	(705) 647-7391

NORTHEASTERN REGION

Sudbury — 15 Frood Road	T.L. Pickard, spvr	(705) 675-1178
Staff Officer	J.M. Kozlich	1178
Wawa — 55 Broadway Ave.	J. Aquino	(705) 856-2354
Sault Ste. Marie — 444 Queen St. East . . .	W.A. Glassford	(705) 254-6623
Blind River — 13 Lawton St.	C.J. Rivard	(705) 356-2226
Elliot Lake — 114 Ontario St.	E.D. Blahey	(705) 848-7133
Espanola — 100 Tudhope St.	R.J. Gordon	(705) 869-1532
Sudbury — 15 Frood Road	H.R. Ross	(705) 675-1176
Sturgeon Falls — 191 Main St.	C. Cazabon	(705) 753-2900
North Bay — 267 Main St. West	J.E. Levis	(705) 472-3911
Mindemoya, Main Street	P. Stiles	(705) 377-5396

THUNDER BAY— Satellite offices at Beardmore, Caramat, Central Patricia, Ear Falls, Emo, Hudson, Ignace, Longlac, Machin, Manitouwadge, Nakina, Nipigon, Pickle Crow, Rainy River,

Redditt, Red Rock, Savant Lake, Schreiber, Shebandowan, Terrace Bay, Upsala, and White River.

TIMMINS— Satellite offices at Attawapiskat, Cobalt, Earlton, Elk Lake, Englehart, Fauquier, Foleyet, Haileybury, Hearts, Hornepayne, Iroquois Falls, Larder Lake, Matachewan, Matheson, Ramore, Smooth Rock Falls, and Temagami.

SUDBURY— Satellite offices at Chapleau, Gore Bay, Little Current, Massey, Mattawa, Neolville, Powassan, Richards Landing, and St. Charles.

TORONTO— Satellite office at Parry Sound.

OFFICE TRANSACTIONS

Regions Offices	1971	1972	1973	1974
NORTHWESTERN and NORTH CENTRAL				
Thunder Bay	2,520	3,439	4,749	6,675
Atikokan	1,263	1,764	4,406	6,095
Dryden	2,920	3,334	4,530	7,924
Fort Frances	2,795	3,879	7,174	6,772
Geraldton	1,143	2,112	8,968	7,395
Kenora	3,536	3,707	4,573	5,995
Marathon	1,332	2,670	4,312	6,431
Red Lake	1,583	1,887	4,773	7,723
Sioux Lookout	1,807	2,851	4,403	4,829
Total, Region	18,899	25,643	47,888	59,839
NORTHERN				
Timmins	3,071	3,752	5,266	7,121
Cochrane	3,373	4,534	6,551	8,058
Kapuskasing	3,318	3,975	6,697	7,138
Kirkland Lake	2,099	3,729	5,333	7,550
Moosonee	656	1,172	2,525	4,017
New Liskeard	1,953	2,994	5,262	7,424
Total, Region	14,470	20,156	31,634	41,308
NORTHEASTERN				
Sudbury	3,525	3,907	7,692	6,849
Blind River	1,834	3,820	5,641	7,930
Elliot Lake	1,592	3,376	5,558	6,948
Espanola	4,107	6,193	7,495	7,564
Mindemoya*	1,006	514	.....	218
North Bay	3,537	4,105	5,343	7,478
Sault Ste Marie	2,193	2,846	5,396	6,977
Sturgeon Falls	1,468	2,881	7,036	7,317
Val Caron**	539	36	.....	.....
Wawa	1,338	2,847	4,397	6,269
Total, Region	21,139	30,525	48,558	57,550
Toronto	3,984	4,634	4,895	6,154
Total, Ontario	58,492	80,958	132,975	164,851

*Office at Little Current closed April 1, 1972, and re-opened at Mindemoya in November, 1974.

**Office at Val Caron closed April 1, 1972.

SERVICES TO AGENCIES IN 1974

Agency	No. of Transactions	Agency	No. of Transactions
Agriculture and Food	4,636	Labour	891
Attorney General	2,857	Employment Standards	12,720
Legal Aid	387	Human Rights	652
Colleges and Universities	855	Workmen's Compensation Bd	4,783
Manpower, Adult Training	2,456	Lieutenant Governor	21
Prov Library Services	481	Management Board of Cabinet	12
Community & Social Services	532	Civil Service Commission	183
Income Security	3,932	Natural Resources	5,125
Social Services	1,019	Land Management	2,575
Community Services	3,395	Outdoor Recreation	2,739
Sports and Recreation	2,169	Resources Products	4,693
Children's Aid Societies	2,609	Northern Affairs	4,055
Consumer & Commercial Relations	1,017	Premier and Cabinet	151
Commercial Standards	791	Youth Secretariat	508
Business Practices	5,371	Resources Del. Policy Field	0
Technical Standards	161	Revenue	3,599
Property Rights	119	Retail Sales Tax	1,030
Registrar General	1,455	Ontario Tax Credits	3,842
LLBO and LCBO	647	Social Del. Policy Field	12
Correctional Services	110	Solicitor General	124
Probat. Services, After Care	1,386	Ontario Provincial Police	659
Education	753	Emergency Measures	62
Energy	800	Trans. & Communications	973
Ontario Hydro	105	Ontario Northland Transp	235
Environment	607	Ont. Highway Transp. Board	114
Water Management	574	Licensing and Control	11,881
Air & Land Pollution Cont	462	Const, Maint, Rights/Way	758
Government Services	261	Treasury, Econ & Inter Affairs	1,016
Publications Service	141	Subsidies	220
Health	3,359	Federal Government (gen)	4,276
Health Insurance	9,183	Unemployment Ins. Comm	10,770
Public Health	759	Manpower	3,265
Housing	527	Taxation	2,738
Plans Administration	478	Pensions, Allowances	11,031
Ontario Housing Corp	1,501	Grants (LIP, OFY, etc.)	676
Industry & Tourism	329	Immigration & Citizenship	1,231
NODC and ODC	1,459	Indian Affairs	630
Trade & Industrial Dev	709	Incentive & Dev. Programs	1,087
Tourism	6,601	Consumer & Corporate Affairs	495
Justice Policy Field	21	TOTAL	164,851

FINANCE AND ADMINISTRATION DIVISION

ADMINISTRATIVE SERVICES BRANCH

Room W-5329, Main Office.

Telephone (416) 965-2711.

Branch Director	J. A. Queen	W-5329 . .	2711
Operations Section	M. A. Gontier, Spvr . . .	W-5326 . .	6166
Purchasing	G. A. Harper	W-5321 . .	1601
Office Management	H. L. Bembridge	W-5334 . .	5134
Central Supply	R. M. Toms	W-5318 . .	5318
Services Section	F. W. Love, Spvr	W-5401 . .	4600
Accommodations, Cap. Improvements .	F. W. Love	W-5401 . .	4600
Data Processing	R. Khan	W-2637 . .	0116
Public Service Centre	Miss M. I. Leuty	W-6404 . .	6511
Maps, Mines Publications	Mrs. M. Tiltins	W-6404 . .	1348
Aerial Photo Library . . . . .	. . . . .	W-3501 . .	1123
Records Management Section	A. J. Lesser, Spvr	W-2506 . .	3822

DISTRIBUTION OF LITHOGRAPHED MAPS — in years ending March 31

Year	20 20A	Territorial Series	Electoral 33A	Misc	Topographical Series Provincial	National	Total
1965	651	9,152	257	6,651	7,060	35,210	58,981
1966	586	9,881	135	14,526	2,543	39,697	67,368
1967	664	8,654	4,849	13,033	6,157	40,854	74,211
1968	760	8,443	2,094	12,785	8,931	49,734	82,753
1969	503	7,826	718	7,140	19,147	54,479	89,813
1970	712	8,678	1,018	9,507	28,911	64,205	113,031
1971	644	9,284	1,919	9,925	30,706	72,199	124,677
1972	1,209	7,555	5,476	2,808	44,242	74,018	135,308
1973	847	8,635	2,349	3,054	35,617	76,077	126,579
1974	1,569	10,518	1,552	4,044	40,937	84,061	142,628
1975	630*	10,406	1,295	8,730	47,741	77,202	146,004

*Out of Print.

FINANCE AND ADMINISTRATION DIVISION

INFORMATION BRANCH

Room W-5305, Main Office.

Telephone (416) 965-2756.

Branch Director	F. Moritsugu	W-5314A . 3315
Information and Liaison Section	R. J. Keir, Spvr	W-5314B . 2756
Field Liaison Officer	Mrs. M. F. Grant	W-5307 . . 2756
Audio Visual and Films Section	L. P. Bondy, Spvr	W-5411 . . 2758
Special Projects Section	G. E. Mulholland, Spvr . .	W-4402 . . 1345
Exhibits, CNE Grounds	D. Hendry . . . . .	. . . . . 2729
Wildlife Compound, Minesing	J. H. Scott, Curator . . .	(705) 728-4382
Safety Programme Development Section .	R. J. Mennenga, Spvr . . .	W-5405 . . 2735
Hunter Safety Training	W. M. McKittrick, Coord	W-5404 . . 5663
Libraries		
Resources Library	Mrs. S. Louet	W-4508 . . 6310
Mines Reference Library	Mrs. N. Thurston	W-1603 . . 1352
Research Library, Maple	Mrs. P. Marks	(416) 832-2261-244

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS at Dec 31	STUDENTS GRADUATED		HUNTING ACCIDENTS		Total
		Yearly	To Date	Non-Fatal	Fatal	
1964	3,200	18,652	85,034	103	14	117
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968	904	9,645	147,947	86	10	96
1969	1,142	12,957	160,904	116	13	129
1970	1,137	13,075	173,979	70	8	78
1971	1,162	15,601	189,580	68	14	82
1972	1,373	18,235	207,815	70	5	75
1973	1,350	23,522	231,337	81	13	94
1974	1,046	19,936	251,273	102	11	113

*Training became mandatory for new hunters in 1960 and for new hunters under the age of 20 years in 1968. Additional details in annual statistical report of program.

FINANCE AND ADMINISTRATION DIVISION

LEGAL SERVICES BRANCH *

Room W-6410, Main Office.

Telephone (416) 965-2748.

Director	M.S. Smith	W-6410 . . 2748
Solicitors	W.E.D. Peters	W-6402 . . 2748
	W.J. Obelyncki	W-6402 . . 2748
	L.A. Low	W-6409 . . 2749
	D.G. Searle	W-6411 . . 2749
	B.G. Jones	W-6605 . . 2749

LEGISLATION

The Acts administered by the Ministry are grouped below by Divisions.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus the Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT provides for the establishment of a Geographic Names Board for Ontario having the duty to gather information respecting the names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names, and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-3, confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham, Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste. Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale,

*Legal Services Branch was transferred to the Ministry of the Attorney General on April 1, 1973, and seconded to the Ministry of Natural Resources on the same date.

lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the systems of surveys and the rules for surveyors. The Minister orders surveys made on his own volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-3 establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

THE MINING ACT with respect to: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for, and the production of, minerals and oil and natural gas; the staking and recording of mining claims; and the rights of licensees and lessees under the Act. An acreage tax is levied under this Act. (See under 'Division of Mines'.)

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licencees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE CANADA COMPANY'S LAND ACT, 1922, empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' land.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exportation (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides that, with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers.

Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

THE ALGONQUIN FORESTRY AUTHORITY ACT, 1974, establishes a corporation known as The Algonquin Forestry Authority to harvest Crown timber in Algonquin Provincial Park and public lands adjacent to the park, to sell the logs, and also to carry out such forestry, land management and other programs and projects as the Minister of Natural Resources authorizes.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of flora and fauna of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources; game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: — open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations. The Game and Fish Hearing Board was established under the Act on November 15, 1973.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act. They relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOAN ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF DAMAGE TO LIVESTOCK COMPENSATION ACT, 1972, provides for payment of compensation to the owners of livestock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management and for certain employees having the authority of the O.P.P. in a provincial

park. Advisory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environmental park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for building and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.00 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT was passed on March 26, 1959, to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act.

DIVISION OF MINES

THE MINING ACT with respect to the regulation of mining operations conducted within Ontario. (See under 'Division of Lands'.)

THE PITS AND QUARRIES CONTROL ACT, 1971, provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971, sets forth licensing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972, imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire regions set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire region) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, and industrial operation, clearing, etc., in or within 1000 feet of a forest or woodland. Areas

may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT provides for the control of outbreaks of forest tree insects and diseases on private lands.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with: the construction, repair and use of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

THE PARKS ASSISTANCE ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972, established as of April 1, 1972, the new Ministry of Natural Resources which included the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of Acts on which the departments previously depended for administrative authority. Effective November 1, 1973, the Act provides for the appointment of a Mining and Lands Commissioner.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966, established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain. The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. one Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the overflow of:—

(a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;

(b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.

(c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and

(d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943, ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952, confirms the partial diversion of the Seine River and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-3, provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-2, vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-1, adds the public lands in the Geographic Townships of Bruton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

POLICY CO-ORDINATION SECRETARIAT

Room W-6508, Main Office.

Telephone (416) 965-8422.

Director	Miss M. Mogford	W-6508 . . 8422
Outdoor Recreation Policy Officer	D. W. Simkin	W-6508 . . 6712
Recreation Analysts	L. A. Douglas	W-6508 . . 6712
	J. G. Ker	W-6508 . . 6712
Resource Products Policy Officer	Dr. U. Rath	W-6508 . . 6371
Special Projects Officers	J. M. Kearns	W-6508 . . 6371
	L. Lamothe	W-6508 . . 6371
	G. Robinson	W-6508 . . 6371
Land Management Policy Officer	(vacant) . . . . .	. . . . .

NORTHWESTERN REGION

J.R. Oatway	Regional Director	Box 5160, 808 Robertson St. Kenora,
F.L. Hall	Deputy Reg Director	Ont P9N 3X7 Phone (807) 468-3111
R.A. Riley	Deputy Reg Director	
G.N. McGeachy . . .	Admin Coord	G. Brown Forester
K.J. Chambers . . .	Biologist	M.S. Millar Lands Co-ord
R.V. Brady	Fire Mgt Officer	R. Murray Mines Engineer
R.C. Beard	Geologist	R. Balkwill Parks & Rec Co-ord
A.P. Pryslak	Geologist, Red Lake	J.A. Murphy Eng Services Co-ord
P. Palonen	Geologist, Sioux Lookout	

Dryden Fire Centre, S.O. Russell, Box 88, Dryden Phone (807) 937-4489
Dryden Forest Station, T.R. Myland, Box 90, Wabigoon Phone (807) 938-6326

KENORA DISTRICT

Box 5080, 808 Robertson St., Kenora
Ont P9N 3X7. Phone (807) 468-9841
E.G. Gillespie District Manager
A. Johnston Administration
R.W. Paterick Field Services
G.K. Winterton Fish & Wildlife
W.H. Mills Forests
T.J. Lunny Lands
D.B. McGregor Parks
Fire Control 468-3161

SIOUX LOOKOUT DISTRICT

Box 309, Sioux Lookout,
Ont P0V 2T0. Phone (807) 737-1140
C.E. Perrie District Manager
W.L. Bertrand Administration
H.D. Morrison Field Services
A.A. Martin Fish & Wildlife
E.D. Berry Forests
F.E. Brown Lands & Parks

RED LAKE DISTRICT

Box 323, Highway 105, Red Lake,
Ont P0V 2M0 Phone (807) 727-2531
E.W. Everley District Manager
G.C. Carlson Administration
T. Millard Fish, Wildlife, Parks
G. Schultz Forests
T. Campbell Field Services,
E.R. Keast Lands
Fire Control 727-2531

FORT FRANCES DISTRICT

922 Scott Street, Fort Frances
Ont P9A 1J4 Phone (807) 274-5337
D.J. D'Agostini District Manager
B.Y. Katerick Administration
G.M. Fenelon Field Services
E.J. Swift Fish & Wildlife
R.W. Udell Forests
N.E. Johnson Lands
E.J. Swift Parks

DRYDEN DISTRICT

Box 640, 119 King Street, Dryden
Ont P8N 2Z3. Phone (807) 223-2341
P. Endress District Manager
J. Hamilton Administration
S. Sprager Field Services
J. Williamson Fish & Wildlife
A. VanFraassen Forests
D. Lindstrom Lands & Parks

IGNACE DISTRICT

Highway No. 17, Ignace,
Ont P0T 1T0 Phone (807) 934-2233
T.E. Dodds District Manager
W.A. Brunton Administration
. Fish & Wildlife
A.P. Matiece Forests, Parks
J.D. Bond Field Services,
S.A. Muir Lands
Fire Control 934-2245

NORTH CENTRAL REGION

R.A. Baxter	Regional Director	Box 5000, Ontario Government Building
L.M. Affleck	Deputy Reg Director	435 James St. South, Thunder Bay 'F'
W. Hendry	Deputy Reg Director	Ont. P7C 5G6 Phone (807) 475-1221
J.D. Chadwick	Admin Coord 1221	
C.A. Elsey	Biologist 1231	
H. Redding	Fire Mgt Officer 1241	
J.F. Flowers	Forester 1251	
D.A. Fawcett	Parks & Rec Coord 1281	K.G. Fenwick Geologist 1331
R.B. Adamson	Engineer 1301	J.H. Boyle Mines Engineer 1331
R. Monzon	Lands Coord 1321	R. Sarjeant Elec-Mech Eng 1331

Dorion Trout Rearing Station, J. F. Atkinson	Phone (807) 857-2322
Fisheries Research Unit	Phone (807) 767-5511
Forestry Research Unit, N. F. Lyon	Phone (807) 767-1607
Regional Fire Centre, R. Kincaid	Phone (807) 475-1405
Thunder Bay Forest Station, A. Wynia	Phone (807) 939-2465

THUNDER BAY DISTRICT

Box 5000, Thunder Bay 'F'
 Ont P7C 5G6 . Phone (807) 475-1501

J.E. Hamilton	District Manager
C.T. Kennedy	Administration
A.B. Johnson	Field Services
R.T. Thomson	Fish & Wildlife
R.G. Klein	Forests
T. Leveque	Parks & Rec
J.W. Suttie	Lands

GERALDTON DISTRICT

Box 640, Geraldton,
 Ont POT 1M0. . Phone (807) 854-1030

J.K. Cleaveley	District Manager
L.S. Morrow	Administration
W.E. Belisle	Field Services
E.H. Stone	Fish & Wildlife
D. Jovic	Forests
A. Hoshino	Lands & Parks

ATIKOKAN

Atikokan,
 Ont POT 1C0 . . Phone (807) 597-2781

M.P. Barker	District Manager
B.A. Prince	Administration
F. Dustak	Field Services
B.H. Gibson	Fish and Wildlife
A.G. Dougall	Forests
D.H. Elder	Lands & Parks

NIPIGON DISTRICT

Box 970, Nipigon
 Ont POT 2J0 . . Phone (807) 887-2120

G.O. Koistinen	District Manager
M. Wilson	Administration
W.R. Doyon	Field Services
L. Townes	Fish & Wildlife
G. Marek	Forests
C.R. Williams	Lands & Parks

WHITE RIVER DISTRICT

200 Winnipeg Street, White River,
 Ont POM 3G0 . Phone (807) 822-2250

D. O'Grady	District Manager
D. Futhey	Administration
K. Fuller	Field Services
R. Jerrard	Fish & Wildlife
D.F. Galley	Forests
K. Green	Lands & Parks

TERRACE BAY DISTRICT

Box 280, Terrace Bay,
 Ont POT 2W0. . Phone (807) 825-3205

L.J. Haas	District Manager
J. Hara	Administration
B.J. Lapenskie	Field Services
J.A. Chappel	Fish & Wildlife
R.D. Fry	Forests
T.B. Scott	Lands & Parks
Manitouwadge Work Centre	
Box 309,Manitouwadge	
Ont. POT 2C0	Phone (807) 826-3225
R.J. Fillmore	Fire Control
R.D. Fry	Forests

NORTHERN REGION

G.A. McCormack	Regional Director	Box 3000, 140 Fourth Ave., Cochrane,
E. Markus	Deputy Reg Director	Ont P0L 1C0 Phone (705) 272-4287
L.H. Lingenfelter	Admin Coord	W.H. Forman Deputy Reg Director
M.F. McKenzie	Biologist	60 Wilson Avenue, Timmins,
R.O. Brandes	Forester	Ont P4N 3W2 Phone (705) 267-1401
H.I. Mattson	Parks & Rec Co-ord	R. Elliott Fire Mgt Officer
4 Govt Rd E, Kirkland Lake,		W.O. Karvinen Geologist
Ont P2N 1A1	Phone (705) 567-5241	F.J. Wilson Lands Co-ord
H.L. Lovell	Res Geologist	R.F. Lockhart Mines Engineer
E. Craig	Mining Recorder	R. Barty Eng Services Co-ord
Swastika Forest Station, L.J. Forcier		Phone (705) 642-3255
Hill Lake Trout Rearing Station, P. Graf		Phone (705) 544-2834

COCHRANE DISTRICT

Box 730, 2 Third Ave, Cochrane,
 Ont P0L 1C0 Phone (705) 272-4365

G.A. Wright District Manager
 G. Nantel Administration
 A.C. Hutchinson Field Services
 W. Therriault Fish & Wild & Parks
 J. Starr Forests
 F. Wright Lands

CHAPLEAU DISTRICT

34 Birch Street, Chapleau,
 Ont P0M 1K0 Phone (705) 864-1710

J.M. Small District Manager
 O.E. Crawford Administration
 J.R. Russell Field Services
 G.L. Penny Fish & Wildlife
 Forests
 W.E. MacPhail Lands
 G.W. Dingee Parks

GOGAMA DISTRICT

Gogama,
 Ont P0M 1W0 Phone (705) 894-2000

C. Dionne District Manager
 V. Mathieu Administration
 R. Carriere Field Services
 C. Jessop Fish & Wildlife
 K. Cleary Forests
 D. Stewart Lands & Parks

HEARST DISTRICT

Box 670, 605 Front St., Hearst
 Ont P0L 1N0 Phone (705) 362-4346

C.E. Emblin District Manager
 W.C. Trowsse Administration
 L.G. Woods Field Services
 S. St. Jules Fish & Wildlife
 T. Isherwood Forests
 M.J. Girouard Lands & Parks

KAPUSKASING DISTRICT

6 Government Road, Kapuskasing,
 Ont P5N 2W4. Phone (705) 335-6191

R.G. Lightheart District Manager
 R.W.E. Stone Administration
 M. Elliott Field Services
 M.R. Cusson Fish & Wildlife
 J.T. Rudolph Forests
 A.J. McGoey Lands & Parks

KIRKLAND LAKE DISTRICT

Box 129, Swastika,
 Ont P0K 1T0. Phone (705) 642-3222

J.G. Minor District Manager
 R.I. Thompson Administration
 W.G. Taylor Field Services
 J.F. Gardner Fish & Wildlife
 B.I. Thompson Forests
 J.A. Colquhoun Lands
 W.B. Hill Parks

TIMMINS DISTRICT

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A.F. Papineau District Manager
 R. Brousseau Administration
 D. Shewen Field Services
 Fish & Wildlife
 D. Jefferson Forests
 C. Biggar Lands & Parks

MOOSONEE DISTRICT

Box 190, Moosonee,
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J.R. Bailey District Manager
 W.J. Humphrys Administration
 G.F. McAuley Lands-Parks-fld, Ser
 R.J. Landry Res Dev Co-ord

NORTHEASTERN REGION

J.M. Hughes	Regional Director	Box 1900, 390 Bay St., Sault Ste Marie
D.J. Vance	Deputy Reg Director	Ont. P6A 5N9 Phone (705) 949-1780
J.C. Kindness	Admin Coord	
W.J. Straight	Biologist	R.M. Christie Deputy Reg Director
A.W. McClellan	Cons Auth Prg-Supr	174 Douglas St West, Sudbury,
H. Kresin	Engineer	Ont P3E 1G1 Phone (705) 673-1111
P.E. Giblin	Reg Geologist	J.L. Canfield Fire Mgt Officer
E.E. Multamaki	Lands Co-ord	W.C. Stevens Forester
J.H. Lever	Parks & Rec Coord	E.W. Isaac Mines Engineer
Mining Recorder	Phone 254-6884	J.J. Lazurko Elec-Mech Engineer
		W.A. Bardswick Chief Eng. Ventltn
Tarentorus Trout Rearing Station, D.V. Storms		Phone (705) 253-8953
North Bay Trout Rearing Station, N.B. Hollingsworth		Phone (705) 663-2282
Standfield Fish Hatchery, G. Clarke		Phone (705) 22-R-211

SAULT STE MARIE DISTRICT

Box 130, 69 Church St, S.S. Marie,
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J.H. Sellers	District Manager
H.J. Smith	Administration
C.E. Tregonning	Field Services
E.F. Mantle	Fish & Wildlife
F. Janser	Forests
I.J. Valentine	Lands
L. Davey	Parks

NORTH BAY DISTRICT

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E. Rogers	District Manager
W.H. Andrews	Administration
H.N. Whalen	Field Services
M.R. Wolfe	Fish & Wildlife
D.E. Honeyborne	Forests
R.V. Coulombe	Lands
H.J. Edmundson	Parks

WAWA DISTRICT

Box 1160, Wawa,
Ont P0S 1K0. Phone (705) 856-2396

R. Alton	District Manager
A. Scully	Administration
A.J. Bull	Field Serv & Parks
H. Orr	Fish & Wildlife
C.K. Sumi	Forests
V. Uhler	Lands

TEMAGAMI DISTRICT

Box 38, Temagami,
Ont P0H 2H0. Phone (705) 569-3622

J.E. Rumney	District Manager
W.W. Hicks	Administration

SUDBURY DISTRICT

174 Douglas St West, Sudbury,
Ont P3E 1G1. Phone (705) 673-1111

D.E. McHale	District Manager
M.H. Jackson	Administration
W. Wetow	Field Services
J.M. Sheppard	Fish & Wildlife
D. Potvin	Forests
M. Groening	Lands
K.H. Moore	Parks

BLIND RIVER DISTRICT

Box 190, 62 Queen St, Blind River,
Ont P0R 1B0. Phone (705) 356-2234

D. Hagar	District Manager
F. McWhinnie	Administration
W.J. Davis	Field Services
S. Woodside	Fish & Wildlife
C.F. Husk	Forests
R. Wood	Lands
G.W. Connell	Parks

ESPANOLA DISTRICT

Box 1340, Espanola,
Ont P0P 1C0. Phone (705) 869-1330

E.N. Arbuckle	District Manager
B. Phillips	Administration
P. King	Field Serv & Parks
D. Hughson	Fish & Wildlife
J. Christian	Forests
.	Lands

H.G. Smith	Field Services
T.W. Dolhy	Forests
R.B. Sinclair	Lands & Parks
J.K. Young	Fish & Wildlife

ALGONQUIN REGION

J.S. Ball	Regional Director	Box 9000, Manominee St. Huntsville,
W.K. Fullerton . . .	Deputy Reg Director	Ont POA 1K0 Phone (705) 789-4476
A.E. Walroth	Deputy Reg Director	
J. Carswell	Admin Coord	H.J. Henry Forester
C.W. Douglas	Biologist	. . . . . Geologist
.	Engineer	J.K. Barker Lands Co-ord
B.J. Dunne	Fire Mgt Officer	C.A. Lewis Parks & Rec Co-ord

The Leslie M. Frost Natural Resources Centre, G.A. Hamilton	Phone (705) 766-2451
Forest Research Station (Dorset), M.M. McLean	Phone (705) 766-2242
Pembroke Trout Rearing Station, W.T. Marston	Phone (613) 687-5935
Skeleton Lake Fish Hatchery, M.E. Beathune	Phone (705) 769-3731

PARRY SOUND DISTRICT

4 Miller Street, Parry Sound,	
Ont P2A 1S8	Phone (705) 746-2141
W.R. Peck.	District Manager
G.F. Walter	Administration
D. Burns	Field Services
J.A. Macfie	Fish & Wildlife
G.C. Felton	Forests
J.A. Shalla	Parks
T.H. Croswell	Lands

ALGONQUIN PARK DISTRICT

Box 219, Whitney,	
Ont K0J 2M0. . . .	Phone (705) 637-2780
J.A. Simpson	Park Supt, District Man.
J.E. Growse	Administration
H.J. Rietveld	Fish & Wildlife
D.F. George	Forests
.	Lands & Field Serv
T.J. Leveque	Asst Park Supt

BRACEBRIDGE DISTRICT

Box 1138, Bracebridge,	
Ont P0B 1C0	Phone (705) 645-5244
R.W. Tippet	District Manager
J.A. Baird	Administration
J.T. Matthews	Field Services
M.L. Wilton	Fish & Wildlife
R.W. Taylor	Forests
J.S. Booker	Lands
R.G. Ellis	Parks

BANCROFT DISTRICT

Box 500, Bancroft,	
Ont K0L 1C0. . . .	Phone (613) 332-3940
O. Goodman	District Manager
H.E. Vance	Administration
M.F. Rush	Field Services
B. Collins	Fish & Wildlife
F.J. Walker	Forests
D.W. McLennan . . .	Parks
O. Fleming	Lands

PEMBROKE DISTRICT

Box 220, Riverside Drive, Pembroke,	
Ont K8A 6X4	Phone (613) 732-3661
L.L. Bronson	District Manager
A.H. Plummer	Administration
R.N. Cousineau . . .	Field Services
A.E. Armstrong . . .	Fish & Wildlife
.	Forests
E.N. McKenzie	Lands & Parks

MINDEN DISTRICT

Minden,	
Ont K0M 2K0	Phone (705) 286-1521
D.D. White	District Manager
R.E. Raby	Administration
G.M. Samells	Field Services
S.J. Toole	Fish & Wildlife
B.G. Cross	Forests
J.E. Dewey	Lands & Parks

EASTERN REGION

T.W. Hueston . . .	Regional Director	Provincial Government Building, South Boundary Road, Kemptville, Ont K0G 1J0	Phone (613) 258-3413
D.E. Gage	Deputy Reg Director		
S.R. Hamilton . . .	Deputy Reg Director		
A.R. Taylor	Admin Coord		
G.R. Whitney . . .	Biologist	W.G. Maslen	Lands Co-ord
D.J. Murray	Cons Auth Prg-Supr	G.E. Thomas	Mines Engineer
J.R. Stork	Engineer	J.G. Bell	Parks & Rec Co-ord
P.E. Anslow	Forester	J.W. Lloyd	Field Services Co-ord

Codrington Fish Hatchery and Bird Farm, A.H. Draves	Phone (613) 475-2512
White Lake Fish Hatchery, K. Steele	Phone (613) 335-2115
Westport Fish Hatchery, J.D. McNee	Phone (613) 273-2106
G. Howard Ferguson Forest Station, H.H. deVries	Phone (613) 258-3413
Glenora Fisheries Research Station, W.J. Christie, R.R. 4, Picton	Phone (613) 476-2400

TWEED DISTRICT

Metcalfe Street, Tweed,
Ont K0K 3J0 Phone (613) 478-2330

W.H. Cantelon . . .	District Manager
G.J. O'Hearn	Administration
W.F. Caverley . . .	Field Serv & Lands
D.G. Atkinson . . .	Fish & Wildlife
W.M. Fasken	Forests
W.J. Miller	Parks

NAPANEE DISTRICT

Postal Bag 3040, Highway 41, Napanee,
Ont K0K 2R0 Phone (613) 354-3389

R.G. Bailey	District Manager
R.A. Armstrong . .	Administration
W.A. Perrin	Forests, Field Services
H.K. von Rosen . .	Fish & Wildlife
P.O. Shintani . . .	Lands
J.C. Matheson . . .	Parks

LANARK DISTRICT

Box 239, Lanark,
Ont K0G 1K0 Phone (613) 259-2108

W. Vonk	District Manager
G.N. Hill	Administration
W.R. Lannin	Fish & Wildlife
E.L. Borczon	Forests
D.G. Kennedy . . .	Field Services & Lands & Parks

BROCKVILLE DISTRICT

101 Water St. West, Brockville
Ont K6V 5Y8 Phone (613) 342-8524

R.H. Trotter	District Manager
D.G. Gilmer	Administration
G.E. Raine	Fish & Wildlife
A.J. Campbell . . .	Forests
R.A. Lessard	Field Services & Lands & Parks

OTTAWA DISTRICT

Box 434, R.R. 6, Ottawa,
Ont K1G 3N4 Phone (613) 822-2525

W.D. Adlam	District Manager
R.G. McCue	Administration
G.M. Tupling	Fish & Wildlife
M. Schaefer	Forests
G.A. Gowdy	Field Services & Lands & Parks

CORNWALL DISTRICT

Box 1749, 40 Fifth St West, Cornwall,
Ont K6H 5V7 Phone (613) 933-1774

J.R. Morin	District Manager
D.D. Bird	Administration
R.G. Baldwin . . .	Fish & Wildlife
B.W. Warwick . . .	Forests
R.J. Cleroux	Field Services & Lands & Parks

CENTRAL REGION

A.H. Peacock Regional Director . 295
 E.G. Wilson Dep Reg Director . 297
 G.P. Elliott Dep Reg Director . 291
 H. Tjoelker Admin Coord . . . 208
 J.B. Dawson Biologist 282
 J.S. Anderson . . . Cons Auth Co-ord . 205
 R.N. Staley Forester 289

10,670 Younge Street, Richmond Hill,
 Ont L4C 3C9 Phone (416) 884-9203
 M.G. Lewis Service Engineer . 230
 U.J. Vagners Geologist 240
 R.H. Galway Mines Engineer . . 232
 H.J. Featherston . . Parks-Rec Co-ord . 299
 J.F. Gosnell Lands Co-ord . . . 234

Midhurst Forest Station, Midhurst, C.R. Groves Phone (705) 728-6599
 Orono Forest Station, Orono, W.R. Bunting Phone (416) 983-9147
 Ontario Tree Seed Plant, Angus, R.B. Latimer Phone (705) 424-5311
 Deer Lake Fish Hatchery, R.R. 1, Havelock, G. Cation Phone (705) 778-3391

MAPLE DISTRICT

Maple,
 Ont L0J 1E0 . . . Phone (416) 832-2261
 F.E. Sider District Manager . . 203
 W.B. Pottelberg . . Administration . . 300
 M. Linklater Fish & Wildlife . . 211
 W.M. Mitchell . . . Lands 208
 H. Pronk Parks 240
 I.B. Earl Forests, Field Serv 224

HURONIA DISTRICT

Midhurst,
 Ont L0L 1X0. . . Phone (705) 728-2900
 D.W. Schafer District Manager
 W.B. Bowles Administration
 L.W. O'Dell Field Services
 A.J. Stewart Fish & Wildlife
 M.R. Innes Forests
 D.R. MacArthur . . Lands
 J. Van der Meer . . Parks

NIAGARA DISTRICT

Box 1070, Highway No. 20, Fonthill,
 Ont L0S 1E0 . . . Phone (416) 892-2656
 J.E. Dickenson . . . District Manager
 Mrs. J.T. Mace . . . Administration
 E.A. Kraker Field Services
 & Forests & Lands
 R.D. Townsend . . . Fish & Wildlife
 & Parks

LINDSAY DISTRICT

322 Kent St West, Lindsay,
 Ont K9V 2Z9. . . Phone (705) 324-6121
 C.R. Gray District Manager
 A.V. Kaufman . . . Administration
 W.E. Prange Field Services
 P.W. Swanson . . . Fish & Wildlife
 R.A. Lockhart . . . Forests
 M.L. Dick Lands, Mineral Res.
 W.P. Barber Parks

CAMBRIDGE DISTRICT

Beaverdale Road, Cambridge,
 Ont N3C 2V3 . . . Phone (519) 658-9356
 W.R. Catton District Manager
 B.J. DeGunst . . . Administration
 J.R. Winters Lands Coord
 H.D. Howell Fish & Wildlife
 R.C.A. Gilbert . . . Forests, Field Serv
 R.H. Reynolds . . . Parks

SOUTHWESTERN REGION

W.H. Charlton	Regional Director	1106 Dearness Drive, London,
J.M. Halpenny	Deputy Reg Director	Ont N6E 1N9. . . . Phone (519) 681-5350
A.S. Holder	Deputy Reg Director	
V.H. Crocker	Admin Coord	
J.F. Gage	Biologist	R.G. Bryant Geo. Engineer
J.R. Powell	Cons Auth Prg-Supr	H.R. Davis Mines Engineer
P.H. Crook	Engineer	J.A. Fingland Lands Co-ord
E.P. Johnston	Forester	A. Harjula Parks & Rec Co-ord

Chatsworth Trout Rearing Station, P.H. Hartman	Phone (519) 794-2340
Warton Fish Hatchery, C. Core	Phone (519) 534-0770
Normandale Trout Rearing Station, W.A. Hooper	Phone (519) 426-3142
St. Williams Forest Station, R.E. Laupert	Phone (519) 586-3863
Petroleum Resources Lab, London, R.B. Hutt	Phone (519) 433-8431
Fisheries Research Station, Wheatley, S.J. Nepszy	Phone (519) 825-4171

CHATHAM DISTRICT

Box 1168, 435 Grand Ave West, Chatham,
Ont N7M 5L8 . Phone (519) 354-7340

D.R. Fortner	District Manager
H. Lehmann	Administration
G.T. Greenwood . .	Fish & Wildlife
Mrs. M.S. Kenney .	Forests
H.W. Rowe	Lands, Parks

SIMCOE DISTRICT

645 Norfolk St., North Simcoe,
Ont. N3Y 3R2 . Phone (519) 426-7650

R.B. McGee	District Manager
G.N. Sanderson . .	Administration
H.J. Manson	Fish & Wildlife
D.A. Scott	Forests
P.A. Strassburger .	Parks
W.L. Edwards	Lands

OWEN SOUND DISTRICT

611 Ninth Ave East, Owen Sound,
Ont N4K 3E4 . Phone (519) 376-3860

W.J. Lovering . . .	District Manager
M. Gobeil	Administration
S.A. Munroe	Fish & Wildlife
V.W. Fisk	Forests
R.J. Manley	Lands
P.H. Baxter	Parks
E.G. Walker	Field Services

WINGHAM DISTRICT

Box 490, Highway 4 South, Wingham,
Ont N0G 2W0 . Phone (519) 357-3131

W.D. Mansell	District Manager
B.G. Griffin	Administration
R.H. Jones	Biologist
H.W. Clark	Fish, Wildlife, Parks
H.R. Lancaster . . .	Forests & Lands & Field Services

AYLMER DISTRICT

Box 40, 353 Talbot St West, Aylmer,
Ont N5H 2S8 . Phone (519) 773-9241

P.R. Davidson	District Manager
G.B. Fewings	Administration
G.R. Austin	Fish & Wildlife
J.D. Nolan	Forests, Field Serv.
D.G. Ward	Lands, Parks



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Publications

Statistics 1976



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Statistics 1976

A statistical supplement to the Annual
Report of the Minister of Natural Resources
for the year ending March 31, 1976

\$1.00

5610



Ministry of
Natural
Resources

Hon. Frank S. Miller
Minister

Dr. J. K. Reynolds
Deputy Minister

Statistical Reports

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MINISTRY OF NATURAL RESOURCES*

Hon. Frank S. Miller	Minister of Natural Resources.
Dr. J.K. Reynolds	Deputy Minister.
L. Ringham	Assistant Deputy Minister, Northern Ontario.** Northwestern Region North Central Region Northern Region Northeastern Region.
W.T. Foster	Assistant Deputy Minister, Southern Ontario. Algonquin Region Eastern Region Central Region Southwestern Region.
A.J. Herridge	Assistant Deputy Minister, Resources and Recreation. Division of Forests Division of Mines Division of Fish and Wildlife Division of Parks.
J.W. Giles	Assistant Deputy Minister, Lands and Waters. Division of Lands Field Services Division Conservation Authorities Branch.

MINISTERIAL AGENCIES

G.H. Ferguson, Q.C.	Mining and Lands Commissioner.
D.R. Wilson	General Manager, Niagara Parks Commission.
R. F. Harrison	General Manager, St. Clair Parkway Commission.
I.D. Bird	General Manager, Algonquin Forest Authority.
J.R. Sloan	General Manager, St. Lawrence Parks Commission

*Main Office in Whitney Block, Parliament Buildings, Toronto, Ontario M7A 1W3.

**Box 5000, 435 James St. South, Thunder Bay 'F', Ontario P7C 5G6.

MINISTRY REGIONS AND DISTRICTS

— Areas in Square Miles*

NORTHWESTERN REGION

Dryden	4,618	
Fort Frances	4,188	
Ignace	4,426	
Kenora	5,478	
Red Lake	24,751	
Sioux Lookout . . .	<u>43,281</u>	86,742
Pt. Rainy Lake	472	
Pt. Lake of the Woods	<u>937</u>	<u>1,409</u>
Total, Region . . .		<u>88,151</u>

NORTHERN REGION

Chapleau	9,113	
Cochrane	11,859	
Gogama	2,993	
Hearst	9,747	
Kapuskasing	8,195	
Kirkland Lake . . .	5,140	
Moosonee	83,298	
Timmins	<u>3,050</u>	133,395
Pt. Lake Abitibi . . .	<u>305</u>	<u>305</u>
Total, Region . . .		<u>133,700</u>

ALGONQUIN REGION

Algonquin Park . .	3,620	
Parry Sound	2,775	
Bancroft	1,683	
Bracebridge	2,492	
Minden	1,832	
Pembroke	<u>2,821</u>	15,223
Pt. Georgian Bay . .	<u>1,496</u>	<u>1,496</u>
Total, Region . . .		<u>16,719</u>

SOUTHWESTERN REGION

Aylmer	2,599	
Chatham	2,853	
Owen Sound	3,018	
Simcoe	1,088	
Wingham	<u>2,660</u>	12,218
Pt. Lake Huron and Lake Erie . . .	11,950	
Pt. Lake St. Clair . .	<u>260</u>	<u>12,210</u>
Total, Region . . .		<u>24,428</u>

NORTH CENTRAL REGION

Atikokan	4,361	
Geraldton	43,546	
Nipigon	9,874	
Terrace Bay	4,893	
Thunder Bay	10,995	
White River	<u>2,877</u>	76,546
Lake Nipigon	1,933	
Pt. Lake Superior . .	<u>7,363</u>	<u>9,296</u>
Total, Region . . .		<u>85,842</u>

NORTHEASTERN REGION

Blind River	3,674	
Espanola	3,677	
North Bay	4,119	
Sault Ste Marie . .	3,055	
Sudbury	4,913	
Temagami	2,647	
Wawa	<u>5,824</u>	27,909
Pt. Lake Huron and Lake Superior .	8,589	
Lake Nipissing . . .	315	
Lake Wahnapiatae . .	<u>56</u>	<u>8,960</u>
Total, Region . . .		<u>36,869</u>

EASTERN REGION

Brockville	1,350	
Cornwall	2,160	
Lanark	1,274	
Napanee	2,524	
Ottawa	1,149	
Tweed	<u>2,504</u>	10,961
Pt. Lake Ontario . .	<u>1,673</u>	<u>1,673</u>
Total, Region . . .		<u>12,634</u>

CENTRAL REGION

Cambridge	2,757	
Huron	2,529	
Lindsay	2,647	
Maple	1,858	
Niagara	<u>1,031</u>	10,822
Pt. Lake Ontario and Lake Erie . . .	3,131	
Lake Simcoe	<u>286</u>	<u>3,417</u>
Total, Region . . .		<u>14,239</u>

TOTALS

49 Districts	373,816
12 Lakes	<u>38,766</u>
Area of Ontario	412,582

*December 12, 1973,
Surveys and Mapping Branch

DIVISION OF FORESTS

Room W-3610, Main Office.

Telephone (416) 965-3040.

Executive Director	J.W. Lockwood	W-3610 . . 3040
Administration	L. P. Comeau	W-3607 . . 2731
Program Analyst	F.E. Waghorne	W-3616 . . 2785

FOREST MANAGEMENT BRANCH

Room W-3628, Main Office.

Telephone (416) 965-2785.

Branch Director	W.K. Fullerton	W-3618 . . 2785
Silviculture Section	C.J. Heeney, Spvr.	W-3620A . 2575
Hardwood and Pine	J.C. Scott	W-3632 . . 2575
Boreal Forest	F.C. Robinson	W-3621 . . 2575
Tree Seed Improvement	C.H. Lane	W-3623 . . 2575
Planting Stock	K.H. Reese	W-3623A . 2575
Advisory Services Section	W.A.G. Thurston, Spvr.	W-3612 . . 2785
Forestry Extension Services	J.F.W. Gourlay	W-3613A . 2785
Silvicultural Assessment	M. Chaudhry	W-3615A . 2785
Agreement Administration	A.H. Cooper	W-3630 . . 2785
Pest Control Section	J.R. Carrow, Spvr	W-3618 . . 2785
Audit Co-ordinator	D. Holder	W-3631 . . 2785

FOREST TREE PRODUCTION BY MINISTRY NURSERIES

Years	No. of Trees	Years	No. of Trees	Years	No. of Trees
1905-12	1,480,539	1954	24,448,860	1967	51,712,461
1912-25	13,096,866	1955	25,519,383	1968	54,805,170
1925-30	46,642,175	1956	28,351,483	1969	52,157,150
1930-35	51,996,837	1967	31,081,112	1970	62,623,496
1935-40	67,900,012	1958	25,854,262	1971	68,182,719
1940-45	57,617,763	1959	33,414,110	1972	76,597,391
1946	13,175,575	1960	41,682,125	1973	68,161,038
1947	12,269,533	1961	49,833,412	1974	65,362,395
1948	13,049,776	1962	43,194,863	1976	50,944,733
1949	17,700,970	1963	43,767,916		
1950	19,027,807	1964	43,922,685		
1950-52	20,749,268	1965	49,484,068		
1953	24,241,754	1966	49,019,854	Total	1,457,864,012

USE OF NURSERY STOCK — in year ending March 31, 1976

Tree Species	Private Land	Crown Lands and Agreement Forests	Education or Science	Total
White Spruce	1,961,064	13,628,692	16,900	15,606,656
Jack Pine	194,400	11,808,206	94,400	12,097,006
Red Pine	1,806,834	6,104,273	16,850	7,927,957
Black Spruce	35,800	6,187,350	1,150	6,224,300
White Pine	1,459,078	2,634,321	15,600	4,108,999
White Cedar	946,980	281,024	2,400	1,230,404
Scotch Pine	741,515	4,210	3,275	749,000
Norway Spruce	379,774	40,376	1,675	421,825
Carolina Poplar	286,221	102,360	2,275	390,856
Silver Maple	139,234	208,223	1,525	348,982
Red Oak	202,455	106,169	525	309,149
Black Walnut	166,155	105,300	1,275	272,730
European Larch	36,160	190,450	1,000	227,610
Yellow Birch	750	177,600	875	179,225
White Ash	75,918	51,753	1,600	129,271
Hybrid Poplar	20,700	100,534	. . .	121,234
Hemlock	627	94,715	. . .	95,342
Black Locust	37,225	44,625	25	81,875
Cottonwood	40,850	10,900	1,175	52,925
Tamarack . . . . .	. . .	94	320	414
Other Species	61,684	300,724	6,565	368,973
Total	8,593,424*	42,181,899**	169,410	50,944,733

*Excluding W.I.A.

**Including 10,707,850 W.I.A.

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS –

in years ending March 31

County or District	1972	1973	1974	1975	1976
Algoma	116,300	127,200	118,600	180,905	196,242
Brant	237,175	271,912	216,270	309,792	229,475
Bruce	249,035	291,375	136,883	148,850	149,225
Cochrane	—	6,500	15,750	1,400	2,225
Dufferin	426,360	696,131	266,875	342,780	221,422
Dundas	40,325	142,825	4,314	44,451	66,642
Durham**	439,234	497,565	293,985	225,480	179,450
Elgin	330,370	471,965	152,384	104,600	183,272
Essex	123,685	145,639	113,050	117,075	124,025
Frontenac	222,050	268,900	61,800	184,550	87,500
Glengarry	317,930	370,525	1,600	145,495	85,750
Grey	713,394	1,121,355	439,648	398,150	453,772
Haldimand	112,750	62,775	61,020	138,900	356,792
Haliburton	153,550	186,675	44,600	70,450	26,775
Halton	273,457	311,385	247,065	291,125	193,550
Hastings	540,075	526,350	157,025	151,875	142,750
Huron	159,915	374,275	169,689	254,145	214,540
Kenora	251,550	272,250	244,250	275,950	137,550
Kent	93,750	118,700	143,650	172,100	86,900
Lambton	62,050	161,960	121,225	149,200	125,900
Lanark	626,600	623,475	79,450	114,255	134,825
Leeds & Grenville . .	378,756	273,910	225,740	195,470	165,565
Lennox & Addington .	120,875	134,025	118,750	102,100	92,600
Manitoulin	3,550	3,400	.....	13,100	3,900
Middlesex	552,522	576,907	432,093	336,408	300,945
Muskoka	146,285	106,775	79,925	85,775	31,100
Niagara	305,622	219,202	280,710	303,175	221,724
Nipissing	84,925	78,825	159,350	43,030	34,645
Norfolk	241,655	236,830	293,455	184,061	181
Northumberland** . .	383,255	429,930	131,677	145,141	189,675
Ontario**	430,565	372,225	316,625	209,875	175,160
Ottawa-Carleton . . .	523,280	649,371	148,880	224,257	173,958
Oxford	340,327	294,850	220,205	269,700	242,012
Parry Sound	354,750	286,750	149,000	137,075	81,350
Peel	303,485	427,575	466,382	354,980	339,621
Perth	140,027	240,000	141,490	116,382	159,350
Peterborough	341,075	552,150	144,903	126,569	102,011
Prescott	249,150	124,425	600	80,675	85,275
Prince Edward	29,800	87,350	33,000	48,800	43,561
Rainy River	186,600	310,750	44,180	36,900	84,075
Renfrew	850,159	647,300	150,825	372,450	248,275
Russell	116,350	176,985	7,257	89,150	79,575
Simcoe	1,201,862	1,250,260	980,617	697,295	686,825

**Totals do not reflect formation of the Regional Municipality of Durham.

County or District	1972	1973	1974	1975	1976
Stormont	136,385	187,650	426,550	27,945	26,100
Sudbury	251,875	214,275	265,000	122,050	237,150
Thunder Bay	328,260	335,448	248,570	181,525	118,776
Timiskaming	17,475	16,175	15,900	35,150	35,900
Victoria	184,400	215,775	69,965	89,305	49,121
Waterloo	199,902	267,925	194,425	174,025	115,725
Wellington	535,748	690,664	568,610	511,508	448,072
Wentworth	323,487	490,299	364,284	349,490	218,540
York	382,745	448,670	430,429	401,630	404,075
Total	15,666,207	17,907,113	*10,201,430	*9,886,524	*8,593,424

*Excluding W.I.A.

FOREST AREAS MANAGED BY THE MINISTER –

in Acres at March 31, 1976

Agreement Holders	Date of Agreement	Added 1975-6	Released 1975-6	Total
GOVERNMENT OF CANADA				
National Capital Commission	Aug 16, 1961	...	...	3,532.00
24 CONSERVATION AUTHORITIES				
Ausable Bayfield	Dec 13, 1951	...	...	4,299.00
Cataraqui Region	Dec 1, 1971	...	...	844.00
Catfish Creek	Dec 19, 1962	...	...	501.00
Central Lake Ontario	Sep 24, 1963	...	...	194.13
Crowe Valley	Aug 21, 1963	...	...	200.00
Ganaraska	Jan 31, 1947	...	...	8,543.69
Grand River	Mar 18, 1952	...	4.91	5,839.87
Hamilton Region	Oct 19, 1962	...	...	12.50
Lakehead Region	May 15, 1958	...	...	1,244.20
Long Point Region	Dec 2, 1954	...	...	6,131.80
Lower Thames Valley	Aug 12, 1964	...	...	300.00
Maitland Valley	Apr 1, 1955	...	...	849.00
Metropolitan Toronto & Region	Apr 11, 1951	...	...	1,928.00
Moir River	Nov 28, 1951	...	...	17,302.00
Napanee Region	Oct 28, 1954	...	...	6,666.00
Niagara Peninsula	Jun 6, 1963	...	...	186.00
North Grey Region	Jun 25, 1958	...	...	7,255.00
Otonabee Region	May 15, 1963	80.00	...	2,723.00
Raisin Region	May 15, 1971	...	...	340.00
Sauble Valley	Sep 29, 1959	...	...	3,816.00
Saugeen Valley	Dec 15, 1952	...	...	14,067.97
South Nation River	Mar 28, 1960	1,131.00	...	6,652.58
St. Clair Region	Jul 13, 1965	...	...	150.00
Upper Thames River	Apr 11, 1951	...	...	3,443.32
Sub-Total		1,211.00	4.91	93,489.06

Agreement Holder	Date of Agreement	Added 1975-6	Released 1975-6	Total
10 TOWNSHIPS				
Bonfield	Apr 1, 1952	...	...	60.00
Charlottenburgh	Apr 1, 1955	...	...	175.00
Cramahe	Jan 4, 1964	...	...	162.00
Cumberland	May 29, 1952	...	...	808.44
Darlington	Aug 19, 1964	...	...	140.00
Galway & Cavendish	Nov 1, 1952	...	...	619.00
Machar	Dec 30, 1963	...	...	90.00
Mosa	Jul 16, 1964	...	...	144.00
Torbolton	Mar 28, 1953	...	...	430.80
Williamsburg	Oct 19, 1962	...	...	400.00
Sub-Total . . . . .		...	...	3,029.24
19 COUNTIES				
Brant	Nov 15, 1952	...	...	50.00
Bruce	Jan 20, 1950	...	...	15,433.35
Dufferin	Nov 26, 1930	...	...	2,505.00
Grey	Dec 21, 1937	...	200.00	8,178.00
Huron	Nov 27, 1950	...	...	1,589.00
Kent	Dec 23, 1953	...	...	75.39
Lanark	Jul 5, 1940	553.00	...	8,028.00
Leeds & Grenville	Apr 24, 1940	433.00	...	13,344.00
Lennox & Addington	Apr 3, 1952	...	...	1,181.00
Middlesex	Mar 8, 1954	50.00	...	1,943.00
Northumberland	Jun 10, 1924	...	...	5,102.34
Oxford	Sep 1, 1950	...	...	843.56
Peterborough	Jun 10, 1924	...	...	200.00
Prescott & Russell	Mar 15, 1937	...	...	26,041.93
Renfrew	Dec 26, 1951	...	105.00	15,343.01
Simcoe	Jun 19, 1925	23.00	0.48	27,720.59
Stormont, Dundas & Glengarry . . .	Sep 20, 1949	42.00	...	6,285.68
Victoria	Aug 10, 1928	...	2.13	8,617.43
Wellington	Jun 18, 1964	...	...	1,100.00
Sub-Total		1,101.00	307.61	143,586.36
6 REGIONAL MUNICIPALITIES				
Durham	Jul 9, 1930	...	...	2,647.30
Halton	Mar 14, 1950	...	...	1,498.63
Hamilton-Wentworth	Nov 27, 1952	...	...	980.95
Ottawa-Carleton	Jul 30, 1964	...	...	4,090.00
Waterloo	Apr 17, 1950	...	...	718.70
York	Mar 27, 1924	25.00	1.63	4,888.45
Sub-Total		25.00	1.63	14,824.03
TOTAL, 60 Managed Forest Areas		2,337.00	314.15	258,460.69

REGENERATION AND TENDING — Areas in acres in year ending March 31, 1976

Treatment	Crown Lands	Agreement Forest	WIA*	Sub- Total	Other Patent Lands	Total
REGENERATION						
Nursery stock planted .	49,561	1,801	8,769	60,131	7,291	67,422
Container stock planted	6,837	—	—	6,837	—	6,837
Seeding	58,095	—	—	58,095	—	58,095
Modified harvest cut . .	23,725	281	57	24,063	388	24,451
Scarification	11,862	—	—	11,862	—	11,862
Seed trees	3,781	—	—	3,781	—	3,781
Sub-Total	153,861	2,082	8,826	164,769	7,679	172,448
TENDING						
Hand cleaning	9,265	2,284	326	11,875	—	11,875
Herbicide spraying . . .	15,136	595	455	16,186	—	16,186
Improvement Cuts** . .	32,964	5,539	9,867	48,370	698	49,068
Pruning	1,385	1,084	550	3,019	—	3,019
Fertilization, drainage .	404	1,178	503	2,085	—	2,085
Sub-Total	59,154	10,680	11,701	81,535	698	82,233
TOTAL, Area Treated .	213,015	12,762	20,527	246,304	8,377	254,681
SITE PREPARATION***	96,642	1,005	2,262	99,909	—	99,909
TREE MARKING . . .	91,061	6,330	13,794	111,185	4,980	116,165

CLASSIFICATION OF CUTOVER — Areas in acres in year ending March 31, 1976

CUTTING METHOD ON CROWN LAND AND PATENT LAND	Regeneration Required	Satisfactory Natural Regeneration	Regeneration Not Required	Total
Clear Cut	264,895	83,267	—	348,162
Selection Cut	—	40,295	—	40,295
Partial Cut	—	—	97,748	97,748
TOTAL	264,895	123,562	97,748	486,205

* Agreements under The Woodlands Improvement Act.
 ** Includes girdling, frilling and poisoning.
 *** Preparation for seeding, planting or modified harvest cutting.

CROWN LANDS TREATED — Areas in acres in years ending March 31

Silvicultural Operations	1972	1973	1974	1975	1976
REGENERATION					
Site prep for nat regeneration . . .	21,936	10,014	9,126	11,314	11,862
Modified harvest system	27,517	37,234	20,984	19,906	23,725
Seed tree system	7,751	5,480	11,173	11,519	3,781
Planting	87,955	75,477	65,241	61,305	56,398
Direct Seeding	22,161	21,749	25,094	59,869	58,095
Sub-Total	167,320	150,044	131,618	163,913	153,861
TENDING					
Hand cleaning	16,170	9,656	13,353	12,446	9,265
Herbicide spraying	44,785	8,609	8,815	21,241	15,136
Improvement cuts, thinning** . . .	9,358	17,202	29,079	28,600	32,964
Pruning	4,392	2,542	3,067	1,341	1,385
Fertilization, drainage	1,177	896	313	485	404
Sub Total	75,882	38,905	54,627	64,113	59,154
Total	243,202	188,949	186,245	228,026	213,015
Site Preparation***	57,796	57,765	71,933	76,863	96,642
Marking	2,393	32,152	77,520	87,269	91,061
TOTAL, Area Treated	303,391	278,866	335,698	392,518	400,718

** Includes girdling, frilling and poisoning.

*** Preparation for seeding, planting or modified harvest cutting.

DIVISION OF FORESTS

TIMBER SALES BRANCH

Room W-3503, Main Office.

Telephone (416) 965-2731.

Branch Director	D. P. Drysdale	W-3508 . .2731
Management Plans	J. D. Hughes	W-3635 . .7631
Crown Management Units	G. A. Cameron	W-3636 . .7631
Company Management Units	G. Protich	W-3636 . .7631
Timber Allocation	J. E. Osborn	W-3637 . .7631
Licence Forester	J. R. Keddie	W-3506 . .2731
Licences	E.K.E. Dryer	W-3510B . 2731
Wood Measurement	D. A. Denton	W-3507 . .2731
Data Processing	J. H. Butts	W-3505 . .2731
Industry Development	R. G. Johnson	W-3504 . .2731
Forest Mensuration	L. Lambert	W-3509 . .2731
Industry Liaison	J. A. Mervart	W-3510 . .2731
Resource Economics	R. J. Hall	NE-756 . .5760
Forest Resources Inventory	J. Holowacz (Maple)	832-2261-ext. 286
Field Operations	I. A. Nausedas	W-3510A .2731
Darkroom	B. Cardwell, spvr	W-3415 . .6914
	J. R. McKnight	W-3414 . .6914
	W. T. Masters	W-3501 . .6914

MANAGEMENT UNITS — Areas in Square Miles at March 31

Year	CROWN LAND FORESTS						AGREEMENT FORESTS	
	Crown		Company		Total		No.	Area
	No.	Area.	No.	Area.	No.	Area		
1966	78	89,122.1	67	97,726.0	145	186,848.1	60	315.2
1967	78	90,665.0	66	99,342.9	144	190,007.9	60	328.8
1968	77	91,987.0	66	99,351.0	143	191,338.0	60	339.6
1969	77	93,052.0	57	93,126.0	134	186,178.0	60	350.0
1970	79	94,644.0	57	93,613.0	136	188,257.0	60	360.0
1971	87	102,738.0	57	89,985.0	144	192,723.0	60	360.0
1972	86	100,566.0	57	89,985.0	143	190,551.0	60	360.0
1973	86	100,757.0	57	89,985.0	143	190,742.0	60	381.0
1974	88	110,107.0	31	79,347.0	119	189,454.0	60	389.0
1975	88	110,107.0	31	79,347.0	119	189,454.0	60	399.9
1976	88	105,247.0	31	84,207.0	119	189,454.0	60	400.0

TIMBER LICENCES — Areas in Square Miles at March 31

Year	No. of Licences	Under Section 2	Under Section 3	Under Section 5	Total Area Licensed
1966	533	2,466.68	100,362.79	1.20	102,830.67
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4
1973	505	286.8	94,290.4	100.1	94,677.3
1974	500	284.9	91,971.5	37.5	92,293.9
1975	480	280.5	96,923.8	51.7	97,256.0
1976	440	228.9	94,994.5	76.9	95,300.3

MILL LICENCES

Type of Mill	1971	1972	1973	1974	1975
Saw Mills, 8-hour capacity					
Lumber over 50M fbm	35	41	67	60	53
Lumber . . .10M to 50M fbm	79	88	96	104	98
Lumber . . . under 10M fbm	560	536	531	570	569
Misc. Sawn Products.	91	83	49	40	45
Saw Mills, Total	765	748	743	774	765
Veneer Mills	27	29	25	26	23
Pulp Mills	24	23	23	24	23
Total	816	800	791	824	811

TIMBER HARVESTED ON CROWN LANDS . . . in 000s cubic foot and \$000s in years ending March 31

Species	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976
SOFTWOOD											
Balsam. . . .	10,044	11,366	14,525	12,225	13,677	11,464	10,656	13,695	14,868	15,541	9,641
Cedar	170	205	567	255	185	148	358	299	466	478	520
Hemlock . . .	2,694	2,759	2,855	2,355	2,251	1,519	1,707	1,707	2,162	1,204	1,663
Jack Pine . . .	99,930	111,791	107,875	114,166	121,391	115,284	127,311	138,445	157,509	154,346	96,282
Red Pine . . .	6,767	6,962	7,022	4,572	4,571	3,767	3,897	4,231	6,569	7,218	7,159
Scots Pine. . .	.....	.....	.....	.....	.....	14	32	.....	.....	.....	3
White Pine . .	24,702	22,073	24,316	17,389	14,290	11,673	12,207	16,166	19,213	16,658	15,777
Spruce	197,935	223,502	220,569	198,982	221,448	203,886	183,011	216,261	241,632	249,506	151,828
Tamarack. . .	73	86	120	61	22	11	48	53	60	165	76
Mixed	419	449	659	302	356	257	106	136	50	149	684
HARDWOOD											
Ash	143	85	76	125	53	33	63	45	63	30	38
Basswood. . .	465	360	462	392	325	262	426	235	393	275	229
Beech	480	432	351	255	332	218	381	383	451	354	348
W. Birch . . .	3,203	2,964	5,654	3,430	2,241	1,669	2,107	2,466	2,639	2,764	2,172
Y. Birch . . .	8,284	7,400	8,370	5,780	4,588	4,059	4,863	5,186	3,991	4,024	4,355
Butternut. . .	1	1	2	1	1	.....	.....	.....	1	1	.....
Cherry	25	25	20	14	20	19	42	32	32	19	26
Elm	384	247	423	199	170	133	188	114	122	80	57
Maple	8,323	9,041	10,004	5,963	5,235	4,807	7,605	6,740	7,576	8,268	7,821
Oak	387	321	282	331	311	242	285	303	363	248	265
Poplar	21,205	21,260	27,682	22,535	24,994	21,338	23,848	27,726	31,495	38,032	24,267
Mixed	744	2,140	4,062	6,705	13,889	14,983	10,530	9,275	16,029	13,399	3,855
TOTALS											
Softwood. . .	342,196	379,193	378,508	350,407	378,191	348,022	339,333	390,993	442,529	445,267	283,634
Hardwood . .	43,645	44,276	57,388	45,730	52,159	47,762	50,338	52,505	63,155	67,493	43,433
Total	385,841	423,469	435,895	396,137	430,350	395,785	389,671	443,497	505,684	512,760	327,067
Value * . . .	13,416	14,528	14,832	13,809	14,428	12,829	12,183	13,856	15,480	27,166	19,425

* Export Levy not included.

Year	Cords		Cubic Feet		Foot Board Measure			Weight	Other	Total	Stumpage Value
	Softwood	Hardwood	Softwood	Hardwood	Grade 1	Grade 2	Grade 3				
1975	105,179	19,987	249,250	14,239	5,166	4,379	3,073	109,313	2,173*	512,760	\$27,166
1976	53,929	11,387	131,268	14,701	4,983	5,614	2,541	102,643	. . . .	327,067	19,425

*Includes 2,138,449 cubic feet of timber measured in net merchantable board foot measure during the month of April, 1974. A new basis of measurement and an interim revision to Crown dues was implemented as of May 1, 1974.

TIMBER HARVESTED ON CROWN LANDS — in year ending March 31, 1970

BY METHOD OF MEASUREMENT AND SPECIES

Unit of Measurement Tree Species	Volume	Equivalent Cubic Feet	Stumpage Value
CORDS, ROUGH			
White Pine	5,128.32	435,707.20	\$ 29,937.55
Red Pine	4,839.75	411,369.87	31,214.90
Jack Pine	127,231.63	10,888,335.05	595,500.53
Pine, Mixed	7,268.42	617,815.70	25,118.59
Spruce, Mixed	283,660.46	24,111,143.27	1,424,685.33
Hemlock	93.52	7,980.29	477.78
Balsam	16,306.09	1,386,018.18	78,994.72
Cedar	1,690.87	143,768.90	7,661.19
Tamarack	31.04	2,638.40	155.67
White Birch	6,324.46	537,579.66	9,216.97
Poplar	101,155.12	8,598,185.53	126,414.54
Hardwoods, Mixed	8,644.47	734,780.01	16,454.68
Sub-Total	562,374.15	47,875,322.06	\$ 2,345,832.45
CORDS, PEELED			
Jack Pine	24,262.71	2,426,271.00	\$ 142,588.13
Spruce, Mixed	126,358.50	12,635,850.00	746,885.02
Balsam	7,958.81	795,881.00	48,528.22
White Birch	76.27	7,627.00	129.65
Poplar	3,290.57	329,057.00	4,684.00
Sub-Total	161,946.86	16,194,686.00	\$ 942,815.02
CUBIC FEET			
White Pine	13,276,837.82	13,276,837.82	\$ 1,327,159.99
Red Pine	5,302,263.99	5,302,263.99	506,039.35
Jack Pine	39,531,218.29	39,531,218.29	2,345,745.61
Scots Pine	3,225.22	3,225.22	662.48
White Spruce	1,495,391.70	1,495,391.70	87,007.72
Black Spruce	19,350,074.77	19,350,074.77	1,126,230.81
Spruce, Mixed	46,198,718.56	46,198,718.56	2,857,650.33
Hemlock	1,602,261.80	1,602,261.80	106,487.50
Balsam	4,058,350.80	4,058,350.80	246,347.36
Cedar	376,462.36	376,462.36	28,463.77
Tamarack	73,320.58	73,320.58	4,910.72
White Birch	1,627,271.55	1,627,271.55	45,768.58
Poplar	13,068,979.50	13,068,979.50	217,929.50
Hardwoods, Mixed	4,930.00	4,930.00	58.00
Sub-Total	145,969,306.94	145,969,306.94	\$ 8,900,461.72
BOARD FOOT MEASURE, GRADE 1			
Maple	18,742.42	2,929,011.96	\$ 452,177.87
Yellow Birch	11,374.20	1,721,584.87	337,021.09
Oak	492.98	79,843.42	15,096.51
Beech	804.83	126,514.82	22,995.19
Ash	66.07	10,776.19	1,894.66
Elm	173.47	27,552.37	5,086.19
Basswood	456.00	75,786.30	13,853.46
Cherry	72.26	11,453.76	1,621.68
Sub-Total	32,182.23	4,982,523.69	\$ 849,746.65

Unit of Measurement Tree Species	Volume	Cubic Feet	Value
BOARD FOOT MEASURE, GRADE 2			
Maple	20,305.25	3,260,278.03	\$ 280,538.88
Yellow Birch	12,532.25	1,965,144.34	241,222.83
Oak	507.65	87,904.65	12,608.19
Beech	928.11	148,465.98	15,202.99
Ash	97.92	16,764.62	1,797.36
Elm	167.46	26,790.68	3,205.82
Basswood	548.05	94,199.17	10,833.42
Butternut	0.05	9.91	1.06
Cherry	91.81	14,846.47	1,121.57
Sub-Total	35,178.55	5,614,403.85	\$ 566,532.12
BOARD FOOT MEASURE, GRADE 3			
Maple	9,857.45	1,631,237.20	\$ 33,784.20
Yellow Birch	3,872.49	667,784.75	9,713.94
Oak	525.14	97,207.94	3,790.10
Beech	421.02	73,245.17	2,015.21
Ash	57.81	10,796.03	342.57
Elm	12.45	2,191.62	59.80
Basswood	316.93	58,885.46	1,451.36
Hickory	0.02	2.99	0.08
Ironwood	0.14	25.79	0.70
Cherry	0.48	85.92	3.99
Sub-Total	15,063.93	2,541,462.87	\$ 51,161.95
WEIGHED WOOD			
White Pine	1,321,114.79	2,064,241.98	\$ 163,597.72
Red Pine	924,834.80	1,445,054.33	115,661.40
Jack Pine	24,107,687.59	43,436,486.97	2,420,622.69
Spruce, Mixed	26,668,307.07	48,037,110.62	2,770,114.55
Hemlock	38,629.74	53,157.09	3,389.68
Balsam	2,074,254.73	3,400,417.67	195,464.42
Poplar	1,566,996.12	2,271,008.70	31,610.30
Hardwoods, Mixed	9,380,447.06	1,935,540.13	39,612.08
Sub-Total	66,082,271.90	102,643,017.49	\$ 5,740,072.84
FUELWOOD, CORDS			
Softwoods, Mixed	711.24	66,552.45	\$ 1,447.44
Hardwoods, Mixed	13,864.46	1,180,070.30	26,897.71
Sub-Total	14,575.70	1,246,622.75	\$ 28,345.15
TOTAL TIMBER HARVESTED		327,067,345.65	\$19,424,967.90

Number of District Cutting Licences issued and included in above: 4,248.

DIVISION OF FORESTS

FOREST RESEARCH BRANCH

Maple, Ontario L0J 1E0.

Telephone (416) 832-2261.

Branch Director	D.H. Burton	Extension 317
Tree Biology		
Hardwood Quality	H.W. Anderson	Extension 312
Root Development	Dr. D.C.F. Fayle	Extension 332
Frost Hardiness and Dormancy	C. Glerum	Extension 316
Tree Breeding and Improvement		
Poplar, Soft Pines	Dr. L. Zsuffa	Extension 295
Spruce	R. Marie Rauter	Extension 295
Hard Pines	G. Buchert	Extension 249
Seed	D.A. Skeates	Extension 305
Tree Nutrition	R.H. Leech	Extension 306
Foliar Analysis	Y.T. Kim	Extension 306
Site		
Classification and Nutrients	Dr. D. Burger	Extension 318
Moisture	G. Pierpoint	Extension 331
Poplar Site/Growth	G.A. Sinclair	Extension 324
Mensuration	A.F. Beckwith	Extension 265
	G. Stroempl	Extension 311
Biomathematics	Dr. F.L. Raymond	Extension 319
Development	V.H.H. Williamson	Extension 301
Mechanical	A. Citro	Extension 248
Photography	Jean Robinson	Extension 321
Southern Ontario Hardwoods		
Lowlands	H.C. Larsson	Extension 264
Uplands	P. Jaciw	Extension 284

FIELD UNITS

Box 2960, Thunder Bay, Ont P7B 5G5

White Spruce	N.F. Lyon	(807) 767-1607
Black Spruce	K. McClain	1607
Balsam Fir	A. Lehela	1607
Poplar	J. A. Kemperman	1607

Box 490, Sault Ste Marie, Ont P6A 5M7

Spruce	Dr. A.G. Gordon	(705) 949-9461
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Box 190, Dorset, Ont P0A 1E0

Tolerant Hardwoods	M.M. McLean	(705) 766-2671
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Midhurst, Ont L0L 1X0

Nursery Stock	Dr. R.E. Mullin	(705) 726-7640
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DIVISION OF MINES*

Room W-6317, Main Office.

Telephone (416) 965-4271.

Executive Director.	G.A. Jewett	W-6317	4271
Mine Assessor	(See Mineral Resources Branch, Page 23)		
77 Grenville St., Toronto, Ont. M5S 1B3			
Administration.	H.E. Cook	R-810	2461
Program Analyst	L.M. Keith	R-811	5484

GEOLOGICAL BRANCH

Room 914, 77 Grenville St., Toronto, Ont. M5S 1B3.

Telephone (416) 965-1283.

Branch Director	Dr. E.G. Pye	R-914	1283
Precambrian Geology Section	Dr. V.G. Milne, Spvr.	R-912	1321
North Archaen Group	P.C. Thurston	R-923	1827
Central Archaen Group	W.O. Mackasey	R-906	4817
Soth Archaen Group	Dr. D.R. Pyke	R-916	1827
Proterozoic Group	(to be appointed) . . . . .	.....
Phanerozoic Geology Section	Dr. O.L. White	R-707	1182
Paleozoic Group	Dr. P.G. Telford	R-706	1183
Quaternary Group	Dr. W.R. Cowan	R-705	1183
Geophysics—Geochemistry Section	Dr. K.D. Card, Spvr	R-910	1466
Mineral Deposits Section	J.A. Robertson, Spvr.	R-911	1466
Geoservices Section	C.R. Kustra, Spvr.	R-806	1546
Assessment Files Research	(to be appointed).	R-802	6139
Geoscience Data Centre	H.A. Groen	R-804	4641
Geoscience Information	E.B. Freeman	R-807	4641
Scientific Review	Mrs. G.M. Scott	R-724	4536
Technical Services Officer	T.P. Bell	R-819	4641

*See Mining Lands and Prospecting Activities under Lands Administration Branch

GEOSERVICES EDUCATIONAL CLASSES — (Classes began in years indicated)

Numbers of Classes and Registrations in years ending March 31 (ated)

Year	BASIC COURSE (1894)		SPECIAL TOPICS COURSE (1967)		INDIAN CLASSES (1968)		FIELD COURSE (1968)	
	Cl	Reg	Cl	Reg	Cl	Reg	Cl	Reg
1967	2	257	1	78	..	..	..	..
1968	5	376	1	72	4	92	..	..
1969	7	682	1	82	4	200	1	18
1970	8	595	2	155	4	212	1	20
1971	15	1,679	3	223	9	312	1	18
1972	14	1,321	2	164	5	172	3	53
1973	14	1,560	1	187	4	99	1	35
1974	14	1,150	1	96	..	..	2	35
1975	8	968	1	84	..	..	2	39
1976	2	489	1	66	..	..	2	31

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)

Summary of Approved Expenditures* in years ending March 31. Totals from April 1, 1971.

AREA	1973	1974	1975	1976	Area Total
	\$	\$	\$	\$	\$
COBALT-GOWGANDA					
Company Expenditures . .	452,618	519,856	186,029	135,736	1,461,166
Government Payments . .	150,873	134,276	62,010	43,986	446,595
GERALDTON-BEARDMORE					
Company Expenditures . .	428,595	326,801	247,267	164,882	1,250,477
Government Payments . .	142,865	75,419	82,422	47,763	379,447
KIRKLAND LAKE					
Company Expenditures . .	279,350	372,808	330,160	79,989	1,190,153
Government Payments . .	93,117	89,921	110,053	20,640	356,347
RED LAKE					
Company Expenditures . .	247,912	689,025	126,745	232,090	1,300,065
Government Payments . .	82,637	195,811	42,248	76,350	397,182
ATIKOKAN					
Company Expenditures . .	....	....	33,691	96,363	130,054
Government Payments . .	....	....	11,230	32,121	43,351
EASTERN ONTARIO					
Company Expenditures . .	....	....	....	239,438	239,438
Government Payments . .	....	....	....	75,540	75,540
TOTAL					
Company Expenditures . .	1,408,475	1,908,490	923,892	948,498	5,581,353
Government Payments . .	469,492	495,427	307,963	296,400	1,698,461

*Under MEAP, the Government reimburses a company or individual one-third of the cost of an approved exploration expenditure up to a maximum of \$33,333.33. Approved company expenditures do not necessarily reflect the total company costs on MEAP projects.

LIST OF FIELD PARTIES

Geological Branch, 1975

No.	Location	Leaders
PRECAMBRIAN GEOLOGY SECTION		
1.	Mattson-MacDowell Lakes Area	J. Wood
2.	Honeywell & McNaughton Townships	G.W. Johns
		P.C. Thurston
3.	Confederation Lake (Compilation Mapping)	P.C. Thurston
4.	Miminiska Lake Area	Henry Wallace
5.	Operation Kenora-Ear Falls	F.W. Breaks
		W.D. Bond
		N. Harris
		C. Westerman
6.	Sturgeon Lake-Chevrier Township Area	N.F. Trowell
7.	Sturgeon Lake Area (compilation Mapping)	N.F. Trowell
8.	Boyer-Meggisi Lakes Area	C.E. Blackman
9.	Pipestone Lake (south) Area	G.R. Edwards
10.	Trottier and Weaver Townships	James Pirie
11.	Willet Lake Area	S.E. Amukun
12.	Carbonatite-Alkalic Complexes	R.P. Sage
13.	Batchawana-Pangis Area	G.M. Siragusa
14.	Regional Stratigraphy and Structure of the Timmis Area	D.R. Pyke
		L.S. Jensen
15.	Radisson Lake Area	D.R. Pyke
16.	Ramore Area	L.S. Jensen
17.	Kelvin and Cabot Townships	M.W. Carter
18.	Jarvis Lake-Garden River Area	Gerald Bennett
19.	Kirkpatrick Lake Area	K.M. Siemiatkowska
		A.E. Guthrie
20.	Emo, Rhodes and Botha Townships	B.O. Dressler
21.	Pembroke Area	S.B. Lumbers
22.	Cavendish and Anstruther Townships	E.G. Bright
23.	Sandybeach Lake Area	P.A. Palonen
		A.A. Speed
24.	McKim Township	D.G. Innes
25.	Porquis Junction Area	W.O. Karvinen
26.	Clarendon Lake Area	J.M. Moore
PHANEROZOIC GEOLOGY SECTION		
27.	Quaternary Geology of the Walkerton Area	W.R. Cowan
28.	Quaternary Geology of the Durham Area	D.R. Sharpe
29.	Quaternary Geology of the Markdale Area	B.H. Feenstra
30.	Quaternary Geology of Goderich and Seaforth Areas	A.J. Cooper
31.	Quaternary Geology of the Simcoe Area	P.J. Barnett
32.	Quaternary Geology and Aggregate Resources of the Oak Ridges Moraine	Q.H.J. Gwyn
33.	Geotechnical Investigations of Champlain Sea Clays in the Hawkesbury Area	Q.H.J. Gwyn
34.	Quaternary Geology of the Wildgoose Lake Area	E.V. Sado
35.	Paleozoic Geology of the Galt, Brantford and Simcoe Area	P.G. Telford
36.	Cretaceous Geology of the James Bay Lowlands	P.G. Telford
		M.A. Vos
37.	Geology and scenery of the Niagara Escarpment	P.G. Telford
38.	Outline of Aggregate Resource Surveys	E.V. Sado
		J.Z. Frazer

GEOPHYSICS/GEOCHEMISTRY SECTION

39.	Airborne Gamma-Ray Spectrometer Survey in the Ignace-Sioux Lookout Area (Joint Federal-Provincial Uranium Reconnaissance Program)	Contract
40.	Gravity Survey of the Birch-Uchi-Confederation Lakes Area	R.B. Barlow V.K. Gupta D.R. Wadge L.G. Closs
41.	Geochemical Survey of Organic Stream Sediments	L.G. Closs
42.	Geology and Geochemistry of Pyritic and Graphitic Volcanogenic Metasediments	L.G. Closs A.C. Colvine
43.	Geophysical Test Surveys, Onakawana Lignite deposit, James Bay Lowlands	Contract

ASSESSMENT FILES RESEARCH

Office Operations	1970	1971	1972	1973	1974	1975	1946-75
FILES ADDED							
Technical Surveys and Summaries for Assessment Credit	526	473	377	277	300	277	5,434
MEAP		8	88	59	50	31	236
Ontario Securities Commission and Misc.		55	93	85	60	56	349
Drilling Reports	551	670	535	556	335	500	7,361
OPERATIONS							
Enquiries	1,849	2,050	2,178	3,151	4,416	2,821	....
Files Examined	6,612	10,598	10,238	10,886	9,216	15,277	....
Control Maps Examined . . .	6,191	6,266	6,843	6,856	5,962	7,389	....

DIVISION OF MINES

MINERAL RESOURCES BRANCH

3rd Floor, 880 Bay St. Toronto, Ont. M5S 1Z8. Telephone (416) 965-1559.

Branch Director and Mine Assessor	Dr. T.P. Mohide	1559
Senior Mineral Taxation Adviser.	F.E. Hall	1311
Mineral Economics Section	E.E. Matten, Spvr.	1016
Mineral Taxation Assessment Section	J.R. Hawkins, Spvr.	4069
Metallic Minerals Section	Dr. G. Anders, Spvr.	1311
Industrial Minerals Section	C.F. Foster, Spvr.	1172
Petroleum Resources Section	J.W. Birch, A/Spvr	1311

ONTARIO MINERAL PRODUCTION IN 1974 and 1975

1974 figures show final completion of shipments
1975 figures are Statistics Canada preliminary.

. . Figures Not Available
— Nil or Zero

METALLIC MINERALS	Unit	1974		1975	
		Quantity	Value	Quantity	Value
			\$		\$
Antimony	lb	—	—	—	—
Bismuth	lb	16,169	132,553	7,000	57,000
Cadmium	lb	1,680,019	6,681,436	1,519,000	4,056,000
Calcium	lb	1,049,587	915,487	826,000	1,108,000
Cobalt	lb	2,775,392	8,141,841	2,406,000	9,439,000
Columbium (Cb ₂ O ₅) . .	lb	—	—	—	—
Copper	lb	625,886,355	483,995,146	584,592,000	372,385,000
Gold	oz	801,105	124,427,629	775,000	127,833,000
Indium	oz	—	—	—	—
Iron Ore	ton	12,021,608	180,089,730	10,264,000	214,007,000
Iron, remelt	ton	—	—	—	—
Lead	lb	20,221,581	4,187,081	14,853,000	3,023,000
Magnesium	lb	13,132,868	9,260,172	9,922,000	8,324,000
Mercury	lb	—	—	—	—
Molybdenum	lb	—	—	—	—
Nickel	lb	460,879,205	749,782,101	398,880,000	815,934,000
Platinum group	oz	384,618	60,794,030	430,000	61,231,000
Selenium	lb	128,504	2,023,938	106,000	195,000
Silver	oz	17,852,419	82,638,847	14,506,000	65,525,000
Tantalum (Ta ₂ O ₅) . . .	lb	—	—	—	—
Tellurium	lb	19,468	158,080	15,000	141,000
Thorium	lb	—	—	—	—
Tin	lb	399,358	1,397,815	549,000	1,932,000
Tungsten (WO ₃)	lb	—	—	—	—
Uranium (U ₃ O ₈)	lb	8,442,966	...	10,569,000	...
Yttrium (Y ₂ O ₃)	lb	...	...	...	...
Zinc	lb	960,117,440	335,080,986	742,677,000	278,504,000
Total Value, Metallics			\$2,049,706,872		\$1,963,694,000

STRUCTURAL MATERIALS	Unit	1975		1974	
		Quantity	Value	Quantity	Value
			\$		\$
Clay Products	ton	...	39,073,763	...	38,363,000
Cement	ton	4,606,332	103,579,695	4,021,000	92,491,000
Lime	ton	1,053,635	19,374,356	958,000	18,193,000
Sand and Gravel	ton	79,712,838	85,104,576	76,200,000	92,000,000
Stone	ton	34,459,673	60,916,200	33,700,000	62,000,000
Total Value, Structural Materials . .			\$308,048,590		\$303,047,000

bbl = 35.0 Imperial gallons. Mcf = 1,000 cubic feet.

NON-METALLICS	Unit	1974		1975	
		Quantity	Value	Quantity	Value
			\$		\$
Arsenious Oxide	lb	—	—	—	—
Asbestos	ton	16,455	1,334,817	16,000	1,395,000
Barite	ton	—	—	—	—
Diatomite	ton	—	—	—	—
Feldspar	ton	—	—	—	—
Fluorspar	ton	—	—	—	—
Gemstone	lb	—	—	—	—
Grindstone	ton	—	—	—	—
Gypsum	ton	774,398	2,783,539	742,000	2,620,000
Helium	Mcf	—	—	—	—
Iron Oxide	ton	—	—	—	—
Lithia	lb	—	—	—	—
Magnesitic Dolomite and Brucite	ton	—	—	—	—
Mica	lb	—	—	—	—
Nepheline Syenite	ton	617,279	9,179,453	520,000	8,663,000
Nitrogen	Mcf	—	—	—	—
Peat Moss	ton	9,939	481,883	11,000	560,000
Potash (K ₂ O)	ton	—	—	—	—
Pyrite Pyrrhotite	ton	—	—	—	—
Quartz	ton	1,236,780	3,849,875	1,360,000	4,977,000
Salt	ton	4,456,357	40,169,561	4,253,000	37,018,000
Soapstone, Talc Pyrophyllite	ton	...	723,119	...	635,000
Sodium Sulphate	ton	—	—	—	—
Sulphur, in smelter gas	ton	421,906	5,661,978	388,000	5,207,000
Sulphur, elemental	ton	—	—	1,000	29,000
Titanium Dioxide, etc	ton	—	—	—	—
Total Value, Non-Metallics			\$64,184,225		\$61,104,000

FUELS	Unit	1974		1975	
		Quantity	Value	Quantity	Value
			\$		\$
Coal	ton	—	—	—	—
Natural Gas	Mcf	7,537,000	3,248,000	12,671,000	6,413,000
Natural Gas by-products	bbl	—	—	—	—
Petroleum, crude	bbl	734,000	4,342,000	721,000	5,191,000
Total Value, Fuels			\$ 7,590,000		\$11,604,000

ONTARIO MINERAL PRODUCTION					
TOTAL VALUE			\$2,429,529,687		\$2,339,449,000

NOTE — Stated values are arrived at by applying an estimated representative price to the total metal content. They are NOT identical with revenue. The series can thus only be used for longrun historical trend analyses.

VALUE OF ONTARIO MINERAL OUTPUT BY REGIONS

Regions	1968	1969	1970
NORTHWESTERN REGION			
Metallic Minerals	\$ 23,064,788	\$ 26,897,006	\$ 32,740,312
Non-Metallic Minerals, Structural Materials	174,506	540,351	816,437
Total	23,239,294	27,437,357	33,556,749
NORTH CENTRAL REGION			
Metallic Minerals	107,483,025	106,715,049	104,449,051
Non-Metallic Minerals, Structural Materials	2,019,473	3,644,580	3,343,611
Total	109,502,498	110,359,629	107,792,662
NORTHERN REGION			
Metallic Minerals	236,583,494	242,085,108	241,277,531
Non-Metallic Minerals ..	2,227,728	4,570,685	5,008,428
Structural Materials	495,311	747,633	1,362,008
Total	239,306,533	247,403,426	247,647,967
NORTHEASTERN REGION			
Metallic Minerals	740,902,177	609,983,381	*960,612,228
Non-Metallic Minerals ..	4,320,577	3,078,679	3,933,646
Structural Materials	3,071,226	4,824,601	4,951,242
Total	748,293,980	617,886,661	969,497,116
ALGONQUIN REGION			
Metallic Minerals	6,632,938	8,217,371	7,515,283
Non-Metallic Minerals ..	4,747,008	5,937,239	5,801,228
Structural Materials	2,653,564	2,383,973	1,778,667
Total	14,033,510	16,538,583	15,095,178
EASTERN REGION			
Metallic Minerals	8,289,817	7,123,264	7,796,689
Non-Metallic Minerals ..	345,343	340,437	428,738
Structural Materials	27,344,631	32,223,974	34,251,396
Total	35,979,791	39,687,675	42,476,823
CENTRAL REGION			
Natural Gas, Petroleum ..	878,044	967,015	884,380
Non-Metallic Minerals ..	1,898,463	2,059,935	1,875,145
Structural Materials	94,700,712	94,643,209	99,336,322
Total	97,477,219	97,670,159	102,095,847
SOUTHWESTERN REGION			
Natural Gas, Petroleum ..	6,887,709	6,425,168	8,443,376
Non-Metallic Minerals ..	21,605,938	19,104,176	22,700,000
Structural Materials	59,302,198	40,867,503	40,829,859
Total	87,795,845	66,396,847	71,973,235
ONTARIO TOTAL	1,355,628,670	1,223,380,337	1,590,135,577

The discrepancy between the total value of production of Ontario and the total value of regional production in Ontario exists because of the inclusion of non-Ontario sand and gravel operations in the published statistics.

1971	1972	1973	1974
\$ 40,772,847	\$ 74,348,360	\$ 139,866,135	\$ 182,463,743
71,825	977,536	1,404,490	2,098,723
40,844,672	75,325,896	141,270,625	184,562,466
116,789,560	133,898,055	133,587,655	196,929,996
4,213,601	1,991,816	3,862,807	3,400,330
121,003,161	135,889,871	137,450,462	200,330,326
219,098,168	**236,925,495	310,399,917	449,309,675
5,339,743	4,779,063	4,746,167	2,177,083
1,646,031	2,286,504	1,610,735	1,603,254
226,083,942	243,991,062	316,756,819	453,090,012
*900,249,790	*796,914,856	*921,122,970	*1,198,347,624
4,169,562	5,570,629	7,457,450	7,982,180
5,052,493	5,374,631	4,873,885	7,405,704
909,471,845	807,860,116	933,454,305	1,213,735,508
5,455,425	4,874,734	5,972,401	10,175,659
6,206,014	5,902,063	7,860,300	9,179,453
1,528,461	2,168,899	2,229,937	4,152,509
13,189,900	12,945,696	16,062,638	23,507,621
8,252,380	7,838,459	10,882,094	12,480,175
402,527	536,261	594,145	816,427
33,913,676	40,599,070	46,152,585	52,310,369
42,568,583	48,973,790	57,628,824	65,606,971
762,765	910,468	868,822	413,434
3,326,716	2,610,411	2,898,093	3,156,258
117,984,264	123,588,862	143,795,836	170,181,352
122,073,745	127,109,741	147,562,751	173,751,044
8,297,166	6,355,800	5,674,878	7,176,566
24,121,302	24,481,406	33,166,178	40,267,824
46,499,585	54,437,131	63,847,406	67,501,349
78,918,053	85,274,337	102,688,462	114,945,739
1,554,153,901	1,538,079,570	1,852,874,886	2,429,529,687

*Does not include value for uranium.

**Revised.

ONTARIO CRUDE OIL PRODUCTION — (bbls)

Year	Annual	Cumulative	Year	Annual	Cumulative
(1863-85 production estimated)			1906	588,962	22,812,805
1863	114,000	114,000	1907	779,876	23,592,681
1864	148,000	262,000	1908	528,959	24,121,640
1865	182,000	444,000	1909	420,660	24,542,300
1866	216,000	660,000	1910	314,410	24,856,710
1867	250,000	910,000	1911	288,634	25,145,344
1868	284,000	1,194,000	1912	240,935	25,386,279
1869	318,000	1,512,000	1913	266,165	25,612,444
1870	357,100	1,869,100	1914	212,495	25,824,939
1871	364,247	2,233,347	1915	214,442	26,039,381
1872	371,394	2,604,741	1916	196,875	26,236,257
1873	378,541	2,983,282	1917	202,990	26,439,247
1874	385,688	3,368,970	1918	288,760	26,728,007
1875	392,835	3,761,805	1919	220,100	26,948,107
1876	399,982	4,161,787	1920	181,750	27,129,857
1877	407,129	4,568,916	1921	172,858	27,302,715
1878	414,276	4,983,192	1922	164,732	27,467,447
1879	421,423	5,404,615	1923	159,399	27,626,846
1880	428,571	5,833,186	1924	154,317	27,781,163
1881	457,100	6,290,286	1925	144,249	27,925,412
1882	485,710	6,775,996	1926	136,971	28,062,383
1883	514,286	7,290,282	1927	139,606	28,201,989
1884	548,571	7,838,853	1928	134,164	28,336,153
1885	585,710	8,424,563	1929	121,125	28,457,278
1886	614,280	9,038,843	1930	117,302	28,574,580
1887	620,000	9,658,843	1931	122,364	28,696,944
1888	725,000	10,383,843	1932	130,343	28,827,287
1889	710,000	11,093,843	1933	136,058	28,963,345
1890	750,000	11,843,843	1934	141,385	29,104,730
1891	775,000	12,618,843	1935	165,040	29,269,770
1892	765,000	13,383,842	1936	165,494	29,435,264
1893	800,000	14,183,843	1937	165,205	29,600,469
1894	825,000	15,008,843	1938	172,642	29,773,111
1895	835,000	15,843,843	1939	206,379	29,979,490
1896	780,000	16,623,843	1940	187,644	30,167,134
1897	750,000	17,373,843	1941	143,845	30,470,417
1898	770,000	18,143,843	1942	143,845	30,470,417
1899	685,000	18,828,843	1943	132,492	30,602,909
1900	675,000	19,503,843	1944	125,067	30,727,976
1901	625,000	20,128,843	1945	113,324	30,841,300
1902	530,000	20,658,843	1946	123,082	30,964,382
1903	475,000	21,133,843	1947	131,295	31,095,677
1904	485,000	21,618,843	1948	176,989	31,272,666
1905	605,000	22,223,843	1949	260,670	31,533,336
			1950	250,656	31,783,992

bbl = 35.0 Imperial gallons.

Year	Annual	Cumulative	Year	Annual	Cumulative
1951	197,171	31,981,163	1971	958,104	50,310,789
1952	191,813	32,172,976	1972	878,108	51,188,897
1953	299,685	32,472,661	1973	808,649	51,997,546
1954	412,474	32,885,135	1974	734,068	52,731,614
1955	525,509	33,410,644	1975	721,000	53,452,614
1956	593,370	34,004,014			
1957	623,666	34,627,680			
1958	778,341	35,406,021			
1959	1,001,580	36,407,601			
1960	1,005,030	37,412,631			
1961	1,149,087	38,561,718			
1962	1,134,534	39,696,252			
1963	1,205,376	40,901,628			
1964	1,246,682	42,148,310			
1965	1,279,162	43,427,472			
1966	1,323,781	44,751,253			
1967	1,240,298	45,991,551			
1968	1,150,779	47,142,330			
1969	1,161,889	48,304,219			
1970	1,048,466	49,352,685			

Proven resources of oil are 10.5 million barrels.

Potential resources of oil are 300 million barrels.

Anticipated annual production rate in 1973-82 decade is 900,000 barrels.

EMPLOYMENT IN ONTARIO MINING INDUSTRY

Year	Mines	Quarries	Clay Gravel Sand	Contractors and Diamond Drilling	Sub Total	Metal- lurgical	Total
1965	26,840	2,361	4,089	1,031	34,321	13,865	48,186
1966	27,457	2,928	3,882	821	35,088	13,609	48,697
1967	28,468	2,646	3,831	818	35,762	13,799	49,561
1968	29,634	2,011	3,911	564	36,120	14,036	50,156
1969	29,014	2,101	3,884	1,141	36,140	13,766	49,906
1970	29,968	2,099	3,896	1,018	36,981	14,792	51,773
1971	29,300	2,295	3,083	669	35,347	14,497	49,754
1972	28,867	1,892	3,552	519	34,830	12,923	47,753
1973	25,734	1,596	3,602	481	31,413	12,673	44,086
1974	26,785	1,650	3,375	394	32,204	12,456	44,660
1975	29,102	1,722	3,855	422	35,101	12,095	47,196

ONTARIO NATURAL GAS PRODUCTION — in M.c.f. (1,000 cubic feet)

Year	Annual	Cumulative	Year	Annual	Cumulative
1890-1905 Estimated 44,413,476					
1906	2,534,200	46,947,676	1946	7,051,309	432,825,724
1907	4,155,900	51,103,576	1947	7,785,921	440,611,645
1908	4,483,000	55,586,576	1948	8,590,429	449,202,074
1909	5,388,000	60,974,576	1949	8,024,213	457,226,287
1910	7,263,300	68,237,876	1950	8,302,190	465,235,775
1911	12,311,900	80,549,776	1951	8,442,842	473,678,617
1912	12,454,900	93,004,676	1952	8,009,488	481,980,807
1913	12,558,400	105,563,075	1953	9,835,469	491,816,276
1914	14,062,800	119,625,876	1954	10,015,818	501,832,094
1915	15,212,300	134,838,176	1955	10,852,857	512,684,951
1916	17,929,100	152,767,276	1956	12,811,618	525,496,569
1917	20,026,000	172,793,276	1957	14,400,913	539,897,482
1918	13,067,400	185,860,676	1958	16,147,986	556,045,468
1919	11,195,300	197,055,976	1959	16,839,236	572,884,704
1920	10,545,000	207,600,976	1960	18,256,641	591,141,345
1921	8,532,234	216,133,210	1961	14,544,165	605,685,510
1922	8,568,301	224,701,511	1962	15,593,784	621,279,294
1923	8,128,413	232,829,924	1963	15,920,055	637,199,349
1924	7,370,914	240,200,838	1964	13,815,967	651,015,316
1925	7,257,274	247,458,112	1965	12,699,483	663,714,799
1926	7,776,496	255,234,608	1966	15,537,157	679,251,956
1927	7,311,214	262,545,822	1967	12,228,759	693,480,715
1928	7,632,740	270,178,562	1968	12,065,829	705,546,544
1929	8,583,187	278,761,749	1969	11,237,888	716,784,432
1930	7,943,416	286,705,165	1970	16,649,459	773,433,891
1931	7,419,534	294,124,699	1971	16,167,731	749,601,622
1932	7,386,154	301,510,853	1972	12,375,129	761,976,751
1933	7,166,659	308,677,512	1973	9,528,102	771,504,853
1934	7,682,851	316,360,363	1974	7,537,000	779,041,853
1935	8,185,825	324,546,188	1975*	12,671,000	791,712,853
1936	10,006,743	334,552,931			
1937	10,746,334	345,299,265			
1938	10,952,806	356,252,071			
1939	11,966,581	368,218,652			
1940	13,053,403	381,272,055			
1941	11,828,703	393,100,758			
1942	10,476,770	403,577,528			
1943	7,914,408	411,491,936			
1944	7,082,509	418,574,445			
1945	7,199,970	425,774,415			

Proven resources of natural gas are 230 billion cubic feet (Bcf).

Potential resources of natural gas are 5,000 billion cubic feet (Bcf).

Anticipated annual production in 1973-82 decade is 10 Bcf.

About 70 per cent of Ontario's natural gas output comes from Lake Erie.

*Preliminary.

DIVISION OF MINES

MINERAL RESEARCH BRANCH

11th Floor, 77 Grenville St., Toronto, Ont. M5S 1B3. Telephone (416) 965-1337

Branch Director	D.A. Moddle	11th F . . .1337
Mineral Sciences Section	R.L. Laakso, Chief	11th F . . .1337
Analytical Section	Dr. A.E. Pitts, Chief	11th F . . .1337
Chemical Laboratory	C. Chan, Spvr.	10th F . . .1337
Spectroscopy Laboratory	(to be appointed)	10th F . . .1337
Temiskaming Testing Laboratory Presley Street, Cobalt	D.L. Larabie, Manager	(705) 679-8313

DIVISION OF FISH AND WILDLIFE

Room W-4501, Main Office.

Telephone (416) 965-4704.

Executive Director	K.K. Irizawa	W-4501 . . 4704
Enforcement Specialist	R.L. Aldrich	W-4525 . . 3377
Administrative Officer.	J.M. Rawston	W-4502 . . 3074
Program Analyst	G. Kettel	W-4502 . . 3074

WILDLIFE BRANCH

Room W-4613, Main Office.

Telephone (416) 965-4251.

Branch Director	D.R. Johnston	W-4613 . . 4251
Senior Policy Adviser	R.O. Standfield	W-3411 . . 3345
Wildlife Management Section	L.J. Post, Spvr	W-4617A . 4251
Moose and Caribou Biologist	R.A. Stefanski	W-4617 . . 4251
Deer and Black Bear Biologist	(vacant)	W-4615B . 4251
Waterfowl Biologist	R.M. Alison	W-4607 . . 4251
Upland Game Biologist	(vacant)	W-4605B . 4251
Wildlife Policy Development Section	D.A. Hagan, Spvr	W-4614 . . 4251
Biometrician	J.M. Barbowski	W-4615A . 7054
Environmental Projects Planner	L. Whistance-Smith	W-4607A . 4251
Statistician	G.A. Nielsen	W-4603 . . 7054
Extension and Interpretation Section	L.H. Mayeda, Spvr.	W-4505 . . 4251
Habitat Ecologist	D.L. Euler	W-4504 . . 4251
Interpretation and Endangered Species Biologist	G.B. McKeating	W-4504A . 4251
Wildlife Services Section	J.A. Shannon, Spvr.	W-4609 . . 4251
Fur Management Spvr.	M. Novak	W-3405 . . 3345
Fur Management Biologist	(vacant)	W-3406 . . 3345
Resource Development Spvr.	W.C. Currie	W-3407 . . 3345
Resource Development Co-ordinator	F.F. Legace	W-3407 . . 3345

HUNTING STATISTICS — Estimates compiled from hunters surveyed by mail

Comparison between hunter numbers and licence sales (see Page 38) gives an estimate of the number of licence holders who did not hunt.

MOOSE		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	46,540	.....	8,520	14,740	.....	3,830	61,280	.....	12,350
1970	51,240	426,000	9,400	10,090	77,300	3,070	61,330	503,300	12,470
1971	52,180	457,500	9,060	11,020	81,000	3,720	63,200	538,500	12,780
1972	60,620	517,000	10,320	12,490	91,500	3,470	73,110	608,500	13,790
1973	74,240	637,800	9,770	16,990	130,100	3,800	91,230	767,900	13,570
1974	75,370	630,300	10,510	16,850	121,900	3,400	92,220	752,100	13,910
1975	74,320	595,300	9,800	7,880	59,200	1,510	82,210	654,500	11,310

DEER		RESIDENTS		NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1969	86,490	.....	16,640	5,230	.....	1,470	91,720	.....	18,110
1970	80,220	473,500	15,430	3,870	22,200	880	84,090	495,700	16,310
1971	77,600	462,500	17,980	4,600	26,700	1,450	82,200	489,200	19,430
1972	81,800	489,000	16,070	4,800	26,500	*1,630	86,600	515,500	*17,700
1973	82,390	462,300	15,140	4,930	27,900	*1,530	87,320	490,200	*16,670
1974	80,380	487,100	12,530	3,990	23,600	*1,050	84,370	487,100	*13,580
1975	82,030	442,900	11,740	3,010	16,400	*830	85,040	459,300	*12,140

BEAR*** RESIDENT				NON-RESIDENT			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest
1971	1,030	6,800	.....	9,010	48,400	.....	10,040	55,200	.....
1972	1,120	7,400	6,330	9,300	49,500	2,620	10,420	56,900	8,950
1973	1,220	12,900	3,680	9,140	62,200	2,120	10,360	75,100	5,800
1974	1,140	6,200	1,820	8,060	59,300	1,600	9,200	56,500	3,480

SMALL GAME**					SUMMER HUNTING		
RESIDENT			NON-RESIDENT		RESIDENT		
Year	Hunters	Hunter Days	Hunters	Hunter Days	Year	Hunters	Hunter Days
1970	263,700	4,464,000	.....	.....	1972	18,720	369,500
1971	267,870	3,842,500	8,450	80,000	1974	16,380	291,800
1972	236,460	3,647,000	.....	.....	1975	16,170	246,800
1973	247,240	3,356,000	7,960	57,700			
1974	225,840	3,299,000	7,380	52,100			

*Includes deer harvested on moose licences.

**Includes Waterfowl.

***Estimates of number of hunters and hunter-days are based on bear licences only
Harvest includes bear harvested on moose-bear, deer-bear and moose licences.

EXPENDITURE BY HUNTERS — (Excluding licence fees)

Survey Year*	HUNT	Estimates Compiled from Hunters Surveyed by Mail		
		Resident	Non-Resident	Total
1970-71 . .	Small Game	\$29,751,000	\$2,180,000	\$31,931,000
1973-74 . .	Small Game	44,323,000	2,458,000	46,781,000
1972	Summer	3,013,000	.....	3,013,000
1974	Summer	3,557,000	.....	3,557,000
1968-69 . .	Deer	7,261,000	1,000,000	8,261,000
1971-72 . .	Deer	7,371,000	910,000	8,281,000
1973-74 . .	Deer	9,432,000	1,243,000	10,675,000
1968-69 . .	Moose	6,592,000	2,656,000	9,248,000
1971-72 . .	Moose	8,403,000	2,879,000	11,282,000
1973-74 . .	Moose	13,791,000	6,070,000	19,861,000
1971-72 . .	Bear	148,000	1,819,000	1,967,000
1972-73 . .	Bear	199,000	2,077,000	2,276,000
1973-74 . .	Bear	255,000	2,336,000	2,591,000

*Hunting Year: September 1 to August 31.

WOLF BOUNTIES PAID

in years ending March 31 Under The Wolf and Bear
Bounty Act, Repealed on December 15, 1972

Year	Timber	Brush	Pups	Total	Paid
1963	1,276	691	64	2,031	\$22,664
1964	1,342	862	61	2,265	44,999
1965	1,638	1,052	63	2,753	59,997
1966	1,593	1,195	44	2,832	59,937
1967	1,578	1,277	45	2,900	59,084
1968	1,674	1,342	81	3,067	61,996
1969	1,370	1,542	51	2,963	62,025
1970	1,255	2,047	43	3,345	69,996
1971	1,469	2,061	49	3,579	67,984
1972	1,156	2,099	53	3,308	58,072
1973	561	940	25	1,526	26,751

LAW ENFORCEMENT

Seizures and Convictions
In years ending March 31

Year	Seizures	Convct
1966	2,581	2,347
1967	2,942	2,626
1968	3,404	3,239
1969	3,557	3,489
1970	5,127	4,648
1971	4,253	4,402
1972	4,296	5,002
1973	5,037	5,103
1974	5,056	4,510
1975	4,976	5,649
1976	5,785	6,988

LAND ACQUISITIONS
FOR WILDLIFE MANAGEMENT

in years ending March 31

Year	Acres	Cost
1966	2,203	.....
1967	3,461	.....
1968	1,876	107,177
1969	3,328	401,057
1970	6,557	270,368
1971	3,091	507,914
1972	4,620	903,259
1973	2,569	572,323
1974	595	105,452
1975	948	242,025
1976	403	216,602

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR		SMALL GAME		TOTAL OF LICENCES		
	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Total
1953	92,785	8,300	5,196	637	.....	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	.....	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	.....	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	.....	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	.....	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	.....	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	.....	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	.....	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	.....	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,735	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	14,585	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944	581,081
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418	594,308

PROVINCIAL WILDLIFE AREAS

- Aylmer Provincial Wildlife Area
- Brighton Provincial Wildlife Area
- Bruce Recreation Area
- Camden Lake Wildlife Management Area
- Darlington Provincial Park
- Fingal Provincial Wildlife Area
- Gananoque Provincial Wildlife Area
- Holiday Beach Provincial Park
- Holland Marsh Provincial Wildlife Area
- Hoople Creek Provincial Wildlife Area
- Hullett Provincial Wildlife Area
- Kolapore Uplands Recreation Area
- Long Point Provincial Wildlife Area
- Luther Marsh Wildlife Area
- Nonquon Provincial Wildlife Area
- Presqu'ile Provincial Park
- Puslinch Provincial Wildlife Area
- Rankin Wildlife Management Area
- Rondeau Provincial Park
- St. Edmunds Provincial Wildlife Area
- Scugog Island
- Sibbald Point Provincial Park
- Tiny Marsh Provincial Wildlife Area
- Winchester Provincial Wildlife Area
- Wye Marsh Provincial Wildlife Area

(Total: 25 Areas)

WILDLIFE EXTENSION
LANDOWNER AGREEMENT AREAS

Area	Acres
Ancaster Township	6,000
Aylmer Ponds	106
Beverly Swamp	1,063
Binbrook	990
Calton Swamp	60
Christie	840
Crook's Hollow	42
Lake St. Lawrence	15,000
Mud Lake	150
Nassagaweya Township	4,400
Orangeville Reservoir	780
Reach Township	6,000
Valens	550
Waterford Lakes	350
Willoughby Marsh	560
Total, 15 Areas	36,891

FUR HARVESTS — in years ending June 30

Average Pelt Value, 1975		Totals from Sealing Officers' Reports and Fur Dealers' Returns						
		1969	1970	1971	1972	1973	1974	1975
\$ 17.96	Beaver . . .	164,888	158,628	127,913	145,290	181,468	175,099	156,105
8.46	Mink . . .	28,464	28,200	18,152	17,871	20,724	17,975	17,194
7.92	Marten . .	30,699	24,931	20,687	25,566	27,649	27,150	18,006
46.81	Otter . . .	7,638	7,421	6,589	6,700	9,027	8,122	7,507
60.25	Fisher . . .	3,536	3,165	2,559	3,686	4,399	3,992	2,790
127.17	Lynx . . .	1,406	1,990	1,903	2,474	5,137	3,698	1,918
50.87	Bobcat . .	.....	.....	.....	10	41	52	25
3.16	Muskrat . .	539,034	347,308	286,207	301,357	385,241	513,279	487,238
12.14	Raccoon . .	19,695	15,198	13,000	29,361	29,722	40,641	47,560
0.42	Squirrel . .	15,948	6,796	6,957	3,795	2,748	5,846	6,076
0.49	Weasel . .	11,357	4,678	3,799	2,827	5,362	4,924	4,689
31.41	Col'rd Fox	6,258	5,132	4,609	8,702	8,127	13,409	11,809
30.50	Arctic Fox	77	59	102	323	23	58	127
28.16	Timb. Wolf	1,093	1,027	883	1,154	839	1,248	741
16.70	Coyote . .	.....	.....	.....	199	397	892	1,319
33.46	Black Bear	148	115	59	226	322	375	288
93.11	Wolverine	0	1	2	1	1	1	1
1.77	Skunk . .	.....	.....	95	2	3	57	171
.....	Gray Fox .	.....	.....	.....	.....	.....	.....	.....
276.52	Polar Bear	.....	.....	11	18	12	18	15
TOTAL PELTS . .		619,243	830,241	604,649	493,527	549,565	681,242	763,579
TOTAL VALUE .		\$3,708,308		3,727,960		4,234,962		6,410,166.66
			5,201,675		2,883,164		7,230,167	
TRAPPER LICENCES								
Registered		2,479	@ \$5 = \$12,395	Reg Treaty		2,666	@ \$1 = \$2,666	
Resident		6,217	@ \$5 = 31,085	Res Treaty		24	@ \$5 = 120	
Farmer, Indian Res.		1,262	@ 00 =	TOTALS		12,648	. . . \$46,266	

PELTS — EXPORTED OR TANNED — in years ending June 30

Pelt	Quantity	1974		Quantity	1975
		Royalty	Value		Value
Beaver	158,354	\$158,354.00	\$2,679,394	159,984	\$2,873,312.64
Bobcat . . . . .	...	...	...	29	1,475.23
Fisher	3,320	3,320.00	85.124	2,820	169,905.00
Arctic Fox	75	56.25	2,462	152	4,636.00
Col'rd Fox . . . .	...	...	...	14,183	445,488.03
Lynx	3,386	507.90	303,347	1,954	248,490.18
Marten	25,468	12,734.00	276,073	18,463	146,266.96
Mink	18,259	18,259.00	111,745	17,512	148,151.52
Muskrat	488,877	24,443.85	1,354,189	479,671	1,515,760.36
Otter	7,702	9,627.50	214,346	7,757	363,105.17
Raccoon . . . . .	...	...	...	71,172	864,028.08
Weasel	4,582	229.10	2,199	...	...
Skunk . . . . .	...	...	...	212	375.24
Wolverine	1	0.40	85	3	279.33
Total	710,024	227,532.00	5,028,967	773,912	6,781,233.74

*Total Royalties Collected: \$356,507.60

DIVISION OF FISH AND WILDLIFE

FISHERIES BRANCH

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Commercial Fish Section	J.W. Rousom, Spvr.	W-3409 . . 3345
Commercial Fish Mgmt Biologist	M.D. Casselman	W-3412 . . 3345
Fish Culture Section	G.C. Armstrong, Spvr.	W-4628 . . 7883
Hatchery Development	J.M. Byrne	W-4631 . . 7883
Hatchery Information Systems	L.I. Balmer	W-4629 . . 7883
Fisheries Services Section.	J.C. Weir, Spvr.	W-4620A . 7883
Fisheries Data System	(vacant)	W-4635 . . 7883
Fisheries Information	(vacant)	W-4621 . . 7883
Fisheries Policy Development Section	F.P. Maher, Spvr.	W-4618B . 7883
Fisheries Demand Planner	(vacant)	W-4619A . 7883
Fisheries Supply Planner	E.T. Cox	W-4619B . 7883
Environmental Dynamics Section	Dr. D.P. Dodge, Spvr.	W-4624A . 7883
Habitat Maintenance	Dr. J.T. Allin	W-4622 . . 7883
Habitat Enhancement	R.M. Biette	W-4622A . 7883
Lake and Stream Surveys	D.G. Waldriff	W-4624 . . 7883
Lake and Stream Surveys	G.A. Goodchild	W-4632 . . 7883
Populations Dynamics Section	C.H. Olver, A-Spvr.	W-4632A . 7883

FISH PLANTINGS — Numbers in 000s of Fish and Eggs Stocked from Ontario Fish Culture Stations

Species		F — Fish E — Eggs										
		1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975
Bass, Largemouth	F	189	189	143	112	65	22	....	145	59	167	209
Bass, Smallmouth	F	289	252	310	129	200	128	136	117	240	173	106
Herring	E	....	1,150	7,030	....	....	....	....	....	....	....	....
	F	....	....	2,000	....	....	....	....	....	....	....	....
Maskinonge	F	1,875	1,303	2,662	2,427	2,991	2,727	1,887	2,683	600	1,253	1,186
Pickrel, Yellow	E	15,600	10,000	13,055	6,240	10,750	12,700	11,200	3,000	10,700	11,210	8,210
	F	56	8,232	28,042	194	1,314	31	32	48	....	....	350
Salmon, Chinook	F	....	....	....	....	....	....	89	190	....	225	....
Salmon, Coho	F	....	....	....	....	157	178	187	122	218	438	226
Salmon, Kokanee	E	683	923	310	....	....	....	....	....	....	....	....
	F	1,897	943	596	472	635	5,411	3,576	1,323	....	....	....
Splake	E	....	....	20	....	....	....	....	....	....	....	....
	F	37	69	130	39	65	258	501	364	487	370	556
Trout, Brook	E	674	....	2,741	....	2,150	311	....	....	660	....	....
	F	2,488	2,108	2,872	1,713	1,906	2,373	1,642	2,201	1,438	1,939	1,522
Trout, Lake	E	....	....	50	....	....	....	....	....	....	....	76
	F	1,061	1,743	1,633	1,575	1,148	1,364	1,432	1,322	1,334	1,744	1,258
Trout, Rainbow	E	....	100	676	533	20	....	80	150	1,290	1,267	625
	F	409	167	285	452	585	247	1,062	622	711	763	1,023
Miscellaneous	E	....	....	300	....	....	....	....	....	....	....	....
	F	24,038	19,845	257	....	18	6	....	....	....	....	....
TOTAL		49,296	47,024	63,112	13,886	22,004	25,756	21,824	12,287	17,737	19,549	15,347

FISH DISTRIBUTION

from Ontario Fish Culture Stations in 1975

(e — eggs) (f — fry)

Total Weight in Pounds in Parentheses

Station	Brook Trout	Lake Trout	Rainbow Trout	Other Species	
				Splake	Coho
Chatsworth	35,339 (9,273)	39,183 (5,492)	. . . . . . . .	184,669 (15,535)	225,769 (10,052)
Codrington	41,465 (9,547)	. . . . . . . .	40,168 (3,591)	. . . . . . . .	. . . . . . . .
Deer Lake	29,000 (2,900)	. . . . . . . .	19,940 (1,218)	Splake 86,936 (4,082)	Maskinonge 1,186,000 (66)
Dorion	473,620 (8,127)	355,855 (6,483)	. . . . . . . .	. . . . . . . .	. . . . . . . .
Hill Lake	228,375 (11,518)	76,000e 63,700 (1,019)	. . . . . . . . . . . .	. . . . . . . . . . . .	. . . . . . . . . . . .
Normandale . . . . .	. . . . . . . . . . . .	. . . . . . . . . . . .	625,000e 429,651 (41,231)	. . . . . . . . . . . .	. . . . . . . . . . . .
North Bay	131,286 (7,181)	153,498 (3,823)	37,949 (903)	. . . . . . . .	. . . . . . . .
Pembroke	34,900 (3,099)	108,700 (9,103)	. . . . . . . .	. . . . . . . .	. . . . . . . .
					Smallmouth
				Splake	Bass
Sandfield	48,900 (3,912)	. . . . . . . .	419,500 (183)	153,320 (9,394)	500 (13)
Skeleton Lake	219,050 (13,072)	80,220 (3,059)	30,000 (1,200)	98,500 (5,970)	36,350 (108)
Tarentorus	163,350 (12,419)	380,268 (6,699)	20,900 (342)	33,010 (613)	. . . . . . . .
					Largemouth
					Bass
Westport . . . . .	. . . . . . . .	47,025 (1,482)	. . . . . . . .	. . . . . . . .	208,500 (245)
				Yellow	Smallmouth
				Pickerel	Bass
White Lake	116,275 (9,023)	30,000 (751)	24,500 (1,081)	8,210,000e 350,000f	15,000f 54,400 (181)

ONTARIO COMMERCIAL FISH HARVEST, 1975 — by Species and Waters

Fish Species	Lake Ontario	Lake Erie	Lake Huron	Georgian Bay
Alewives	—	1,859	146	—
Bowfin	3,400	46,722	—	—
Bullhead	348,926	118,742	200	—
Burbot (Ling)	—	—	15	1,541
Carp	413,862	64,126	41,656	2,465
Catfish	28,874	159,594	49,993	63
Chub (Deepwater Cisco)	—	—	95,488	691,765
Eel	369,544	366	28	—
Freshwater Drum (Sheepshead)	7,861	331,353	66,653	—
Goldeyes	—	—	—	—
Lake Herring (Cisco)	26,717	—	5,892	26,752
Lake Trout	2,078	36	5,891	2,052
Lake Whitefish	4,930	254	655,456	141,357
Northern Pike	17,081	12,541	669	8,785
Rock Bass and Crappies	102,122	12,159	236	572
Round Whitefish (Menominee)	2,598	—	14,745	25,236
Smelt	104,058	16,921,453	2,739	1,445
Sauger	—	—	3	—
Sunfish	299,504	116,954	—	—
Sucker (Mullet)	8,647	27,153	56,253	39,611
Sturgeon	614	305	5,650	1,299
White Bass	12,204	2,563,103	4,157	321
White Perch	380,979	—	—	—
Yellow Perch	598,946	8,212,667	375,692	127,292
Yellow Pickerel (Walleye)	5,152	124,943	205,877	47,326
Shad	7,971	18,401	4,346	5,911
Animal Food (unclassified)	30,765	1,815,889	238,202	17,860
Total Landings lbs	2,776,833	30,548,620	1,829,987	1,142,154
Total Landed Value \$	782,397	6,009,093	1,019,235	649,318

ONTARIO COMMERCIAL FISH HARVEST, 1975 — by Species and Waters

North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total Landings (lbs)	Total Value
—	—	—	—	2,005	\$ 1
—	—	—	6,815	56,937	2,339
1,284	—	14,587	115,982	599,721	166,434
875	30,588	345,893	4,550	383,462	5,538
10,384	145	—	103,389	636,028	122,358
—	—	—	26,756	265,280	97,933
6,755	454,925	67,567	—	1,316,500	776,263
—	—	—	8,672	378,610	198,832
—	—	818	1,267	407,952	15,343
—	—	1,891	—	1,891	375
10,763	2,161,563	60,550	3	2,292,240	431,491
1,520	182,447	39,464	—	233,488	157,424
104,441	295,939	1,246,203	—	2,449,080	1,258,331
16,065	4,674	543,353	4,942	608,110	160,341
857	24	54,662	16,298	186,930	60,652
9,641	37,524	1,291	—	91,035	24,792
330	302,779	—	—	17,332,804	1,202,495
—	127	45,748	—	45,878	15,321
—	—	—	61,610	478,068	106,852
87,355	221,747	878,341	14,234	1,333,341	53,954
6,117	316	10,208	2,261	26,770	41,795
9	—	—	483	2,580,277	709,253
—	—	—	5,757	386,736	45,145
39,178	65,448	6,897	22,449	9,448,569	4,395,917
23,906	1,231	968,965	—	1,377,400	974,903
—	—	—	—	36,629	71
42,102	9,842	246,044	6,684	2,407,388	28,360
361,582	3,769,319	4,532,482	402,152	45,363,129	
137,850	1,011,421	1,332,863	110,336		11,052,513

ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Species	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	Value 1975
Bowfin	20	24	19	26	27	39	22	31	51	56	\$ 57
Bullhead	451	348	342	395	473	378	362	344	449	477	600
Burbot (Ling)	404	343	487	382	416	396	246	311	321	387	383
Carp	872	937	928	987	1,046	702	770	748	725	631	636
Catfish	243	273	250	255	220	104	156	156	180	187	265
Caviar	2	1	(Caviar included with Sturgeon from 1967)								
Chub (Deepwater Cisco)	1,892	1,265	1,165	681	461	282	802	719	944	1,050	1,317
Eel	194	150	141	181	175	151	173	279	198	229	379
Freshwater Drum (Sheepshead)	990	1,058	666	802	451	310	103	292	543	396	408
Goldeye	19	7	11	2	.....	1	1	.....	.....	1	2
Lake Herring (Cisco)	1,603	1,184	1,935	2,985	2,780	3,060	2,794	2,786	2,447	2,306	2,292
Lake Trout	178	174	302	301	282	199	188	165	209	229	233
Lake Whitefish	3,236	2,812	2,625	2,906	2,957	2,870	2,312	2,200	1,984	2,359	2,449
Northern Pike	1,099	1,005	952	956	871	752	558	525	647	725	608
Rock Bass and Crappie	209	271	249	276	186	193	199	130	137	129	187
Round Whitefish (Menominee)	66	58	41	56	57	37	52	67	56	66	91
Sauger	76	59	82	70	51	57	31	19	28	49	46
Smelt	11,917	16,056	12,660	12,490	15,226	9,572	13,551	11,051	17,557	16,902	7,333
Sturgeon	94	86	76	79	90	47	42	29	38	25	27
Sucker (Mullet)	1,102	1,306	1,297	1,278	1,274	1,079	797	975	1,085	1,170	1,333
Sunfish	249	253	359	400	413	280	299	290	360	372	478
White Bass	2,733	1,806	855	819	925	210	114	1,769	1,512	2,359	2,580
White Perch	589	174	181	231	252	452	641	292	299	293	387
Yellow Perch	19,465	21,151	22,731	24,969	30,506	21,320	15,277	16,836	19,075	13,411	9,449
Yellow Pickerel (Walleye)	3,241	3,987	3,238	2,765	2,050	1,406	1,154	1,019	1,391	1,430	1,377
Animal Food (Unclassified)	1,545	1,556	1,313	1,413	2,014	2,184	2,148	2,163	2,817	7,987*	2,446
Total Landings (000s lbs)	52,489	56,344	52,905	55,705	63,203	46,081	42,792	43,196	53,053	53,225	45,363

Total Landed Value (\$000s) 6,404 5,995 5,927 5,968 7,378 6,531 6,951 8,118 10,376 9,654 11,052

* Includes alewives and Shad.

ONTARIO COMMERCIAL FISH HARVEST — by Waters in 000s lbs and \$000s

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Total Value \$
1965	2,647	35,096	886	2,286	993	289	2,270	7,584	438	52,489	6,404
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,225	9,654
1975	2,777	30,549	...	1,830	1,142	382	3,769	4,532	402	45,363	11,052

LAKE ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Eel	Lake Herring	Smelt	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value \$
1965	150	314	189	23	202	151	586	409	623	2,647	353
1966	123	302	143	36	141	126	172	154	428	1,625	220
1967	127	392	136	59	155	161	179	287	336	1,832	243
1968	169	412	173	40	168	186	223	304	334	2,009	284
1969	240	541	169	40	146	160	250	439	285	2,270	330
1970	270	493	146	25	165	169	447	985	205	2,905	429
1971	244	441	168	23	202	150	635	890	153	2,906	447
1972	204	443	271	15	216	161	283	809	145	2,547	454
1973	257	413	188	17	99	208	287	757	130	2,356	466
1974	271	395	222	33	103	202	290	702	146	2,364	506
1975	378	414	370	27	104	300	381	599	204	2,777	782

LAKE ERIE COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Freshwater Drum	Smelt	White Bass	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1965	140	152	898	11,711	2,611	18,603	346	635	35,096	3,319
1966	167	90	940	15,914	1,757	20,698	991	869	41,426	3,105
1967	140	51	494	12,501	822	22,087	747	928	37,770	3,339
1968	107	93	651	12,223	751	24,435	328	827	39,415	2,974
1969	121	190	339	15,076	875	29,802	193	1,430	48,026	4,244
1970	91	30	259	9,402	195	19,999	26	1,753	31,755	3,770
1971	136	53	93	13,130	92	13,918	30	1,624	29,076	4,255
1972	124	63	272	10,519	1,756	15,593	51	1,804	30,182	5,375
1973	182	60	508	17,062	1,497	18,035	65	2,420	39,829	7,038
1974	197	42	361	15,800	2,346	12,205	234	7,501	38,686	5,634
1975	278	64	331	16,921	2,563	8,213	125	2,054	30,549	6,009

LAKE HURON COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value \$
1965	21	1,083	13	407	9	61	167	245	280	2,286	627
1966	43	653	4	348	13	96	152	218	431	1,958	466
1967	66	527	5	381	19	141	149	185	271	1,744	464
1968	58	263	5	356	16	121	71	325	239	1,454	509
1969	67	86	2	493	22	95	141	194	336	1,436	511
1970	21	53	2	607	10	61	245	21	232	1,252	437
1971	38	66	4	553	21	58	261	10	295	1,306	424
1972	25	110	3	472	30	93	148	2	189	1,072	374
1973	55	106	6	374	13	89	123	121	233	1,120	423
1974	44	50	2	628	6	72	314	198	416	1,730	770
1975	42	95	6	655	15	56	376	206	379	1,830	1,019

GEORGIAN BAY COMMERCIAL FISH HARVEST -- by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1965	10	409	2	171	30	42	101	72	156	993	\$ 234
1966	21	286	3	157	30	68	63	41	82	751	171
1967	38	227	5	148	13	49	97	61	77	715	167
1968	21	180	17	286	14	34	38	61	77	728	222
1969	27	156	11	196	4	41	21	74	51	581	184
1970	6	127	11	207	2	41	25	52	27	498	176
1971	2	613	20	183	10	40	75	71	55	1,069	330
1972	23	516	36	172	18	42	54	56	42	959	320
1973	28	622	58	140	18	72	30	48	53	1,069	377
1974	3	613	54	146	32	34	60	46	37	1,025	467
1975	2	692	27	142	25	40	127	47	40	1,142	649

NORTH CHANNEL COMMERCIAL FISH HARVEST -- by Species in 000s lbs and \$000s

Year	Smelt	Lake Whitefish	Northern Pike	Round Whitefish	Sturgeon	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1965	...	37	19	10	11	46	88	13	65	289	\$ 61
1966	...	75	20	4	16	40	16	19	19	209	74
1967	...	79	25	3	13	38	8	21	20	207	70
1968	...	99	16	5	14	55	14	17	27	247	85
1969	...	160	11	7	11	47	9	19	49	313	125
1970	...	176	21	3	11	73	7	35	49	375	124
1971	...	226	16	5	7	54	15	16	43	382	138
1972	...	190	30	10	6	57	14	19	41	367	141
1973	...	176	15	9	8	57	12	26	47	350	150
1974	208	176	13	8	7	70	18	25	91	616	175
1975	...	104	16	10	6	87	39	24	76	362	138

LAKE SUPERIOR COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Chub	Lake Herring	Lake Trout	Lake Whitefish	Smelt	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1965	63	1,553	102	135	1	23	22	291	80	2,270	\$ 283
1966	12	1,135	108	134	...	29	9	377	42	1,846	327
1967	8	1,854	202	150	...	30	8	274	42	2,568	351
1968	5	2,649	193	212	98	29	10	119	50	3,365	403
1969	8	2,396	202	211	...	53	8	24	49	2,951	403
1970	4	2,902	168	206	...	48	8	9	37	3,382	428
1971	52	2,577	150	253	217	67	20	4	27	3,367	447
1972	43	2,565	127	311	310	132	138	2	28	3,656	577
1973	149	2,235	180	348	390	140	64	1	30	3,537	706
1974	309	2,036	198	330	788	155	67	3	56	3,942	852
1975	455	2,162	182	296	303	222	65	1	83	3,769	1,011

NORTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Burbot	Chub	Lake Herring	Lake Trout	Lake Whitefish	Northern Pike	Sucker (Mullet)	Yellow Pickerel	Other Species	Total	Total Value
1965	396	336	11	74	2,378	1,029	772	1,954	634	7,584	\$ 1,230
1966	339	315	6	66	1,976	935	889	2,048	436	7,010	1,314
1967	432	402	11	98	1,785	863	839	1,739	456	6,625	1,002
1968	369	232	271	103	1,861	863	856	1,666	590	6,811	1,136
1969	413	211	298	80	1,805	787	876	1,200	407	6,077	1,149
1970	381	98	114	31	1,619	695	755	1,211	487	5,391	1,066
1971	237	65	159	37	1,079	506	540	1,016	425	4,064	837
1972	296	47	162	37	1,031	468	571	885	385	3,882	797
1973	306	61	125	28	928	592	671	1,125	431	4,267	1,121
1974	347	69	172	29	1,063	654	773	921	383	4,411	1,156
1975	346	68	61	39	1,246	543	878	969	382	4,532	1,333

SOUTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Lake Whitefish	Rock Bass & Crappie	Sucker (Mullet)	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value \$
1965	185	119	...	8	19	45	3	14	45	438	61
1966	192	150	60	11	33	83	2	5	45	581	80
1967	183	166	34	10	18	121	1	7	94	634	92
1968	210	109	14	16	21	108	8	5	63	554	83
1969	216	132	9	28	21	110	1	14	98	629	101
1970	89	139	5	21	33	79	5	32	33	436	60
1971	104	228	1	18	16	65	6	93	91	622	74
1972	134	188	2	14	10	70	9	71	34	532	81
1973	141	166	1	20	17	88	12	45	34	524	94
1974	119	138	...	13	31	76	3	36	35	451	95
1975	143	103	...	16	14	62	6	22	36	402	110

EMPLOYMENT AND INVESTMENT IN ONTARIO COMMERCIAL FISHERY

Year	Men	Boats 40' and Over	Boats Under 40'	Gill Nets 000s yds	Pound Nets	Trap Nets	Hoop Nets	Seine Nets 00s yds	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Investment \$000s	Total Value \$000s
1965	2,544	223	1,660	9,256	866	521	2,002	168	492	459	681	104	10,076
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	7,575	333	250	477	1,557	18,254

EMPLOYMENT AND INVESTMENT

Classification		Lake Ontario	Lake Erie	Lake Huron
MEN EMPLOYED	Number	446	648	120
FISHING BOATS				
40' and Over	Number	3	117	27
	Tons	75	3,236	501
	Value — \$	70,000	4,093,681	646,322
20' to 39'	Number	53	37	18
	Value — \$	190,925	319,700	96,500
Under 20'	Number	201	73	10
	Value — \$	121,155	45,163	7,771
FISHING GEAR				
Gill Nets	Yards	988,095	5,664,950	897,180
	Value — \$	359,406	2,210,374	572,430
Pound Nets	Number	—	20	4
	Value — \$	—	34,000	3,500
Trap Nets	Number	61	147	113
	Value — \$	38,700	172,250	141,151
Hoop Nets	Number	963	153	—
	Value — \$	172,324	39,600	—
Seine Nets	Yards	2,665	3,850	—
	Value — \$	11,475	21,207	—
Night Lines	Hooks	30,150	11,312	—
	Value — \$	9,756	4,820	—
Dip Nets	Number	8	4	1
	Value — \$	69	30	10
Trolling Lines	Number	—	—	—
	Value — \$	—	—	—
Trawls	Number	—	178	—
	Value — \$	—	240,738	—
SHORE INSTALLATIONS				
Freezers and Ice Houses	Number	46	49	17
	Value — \$	49,445	671,725	90,095
Piers and Wharves	Number	40	39	10
	Value — \$	46,220	79,277	21,550
Net Sheds	Number	107	121	34
	Value — \$	146,085	704,517	264,000
NEW CAPITAL INVESTMENT				
Engines	Value — \$	51,165	44,971	11,790
Hulls	Value — \$	82,805	182,797	30,000
Fishing Gear	Value — \$	95,800	315,796	70,642
Wheelhouse	Value — \$	140	55,913	6,103
Other Equipment	Value — \$	10,488	—	3,000
TOTAL	Value — \$	1,455,958	9,236,559	1,964,864

IN ONTARIO COMMERCIAL FISHERY, 1975

Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total
119	65	170	563	89	2,220
19	9	17	6	—	198
321	191	260	62	—	4,646
473,500	99,000	478,000	74,000	—	5,934,503
27	5	35	35	6	216
105,600	13,410	164,100	92,900	4,600	987,735
45	28	70	273	50	750
36,800	12,700	52,280	263,193	19,245	558,307
871,940	326,650	782,852	561,216	24,000	10,116,883
370,100	122,470	511,260	265,054	12,940	4,424,034
14	21	10	35	—	104
8,700	15,500	11,730	22,600	—	96,030
7	12	11	103	12	466
7,800	18,100	13,150	77,050	11,400	479,601
—	—	—	79	520	1,715
—	—	—	9,530	71,214	292,668
—	—	—	—	1,060	7,575
—	—	—	—	3,200	35,882
600	—	—	—	2,515	44,577
100	—	—	—	1,806	16,482
4	1	3	2	4	27
19	25	15	30	33	231
—	—	—	—	—	—
—	—	—	—	—	—
—	—	17	—	—	195
—	—	18,900	—	—	259,638
39	14	35	145	10	355
96,786	62,900	441,196	393,855	3,860	1,809,862
34	10	12	98	7	250
34,750	11,850	43,300	98,948	2,600	338,495
41	19	31	108	16	477
97,450	43,900	88,100	107,683	11,645	1,463,380
12,946	1,422	74,271	51,297	7,430	255,292
35,500	200	28,615	22,803	2,950	385,670
63,794	40,772	94,787	57,903	10,894	750,388
10,756	2,175	32,277	3,861	—	111,225
—	—	1,845	37,845	780	53,958
1,354,601	444,424	2,053,826	1,578,552	164,597	18,253,381

COMMERCIAL FISHING LICENCES

Year	Food-Fish Harvesting	Bait-Fish Harvesting	Bait-Fish Dealers	Bait-Fish Preservers	Total
1965	1,881	2,028	613	125	4,647
1966	1,822	1,977	1,396	121	5,316
1967	1,747	1,807	1,729	124	5,407
1968	1,689	1,859	1,808	116	5,472
1969	1,609	1,908	1,861	126	5,504
1970	1,560	1,993	1,895	129	5,577
1971	1,267	1,607	1,813	126	4,813
1972	1,204	1,612	1,876	120	4,812
1973	1,149	1,611	1,868	111	4,739
1974	1,116	1,623	1,832	110	4,680
1975	1,121	1,590	1,606	96	4,413

ANGLING LICENCES

Year	No. Sold to Non-Residents
1965	533,154
1966	571,453
1967	578,811
1968	615,611
1969	630,375
1970	605,320
1971	652,335
1972	680,152
1973	701,595
1974	656,960
1975	647,848

DIVISION OF FISH AND WILDLIFE

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Limnology	A.M. McCombie	Extension 251
Systems Ecology	(vacant)	Extension 251
Selective Breeding	A.H. Berst	Extension 251
	P. Ihssen	Extension 251

RESEARCH STATIONS

Thunder Bay Fisheries Research Station Box 5000, Ont P7E 6E3	R.A. Ryder	(807) 475-1635
	P.J. Colby	1635
Sault Ste. Marie Research Station 8 Albert Street East, Ont P6A 2H6	T.W. Kwain	(705) 949-1780
South Baymouth Fisheries Laboratory R.R. 1, Tehkummah, Ont P0P 2C0	G.R. Spangler	(705) 859-3137
	J.A. Reckahn	3137
Harkness Memorial Lab (Algonquin) Whitney, Ont K0J 2M0	D. Cucin	(705) 637-2103
Wheatley Fisheries Research Station R.R. 1, Wheatley, Ont NOP 2P0	S.J. Nepszy	(519) 825-4171
	J.H. Leach	4171
Glenora Fisheries Research Station R.R. 4, Picton, Ont K0K 2T0	W.J. Christie	(613) 476-2400
	D.A. Hurley	2400

DIVISION OF PARKS

Room W-3328, Main Office.

Telephone (416) 965-2780

Executive Director	L.H. Eckel	W-3328 . . 2780
Secretary	Miss N. Nishi	W-3328 . . 2780
Administrator, Park Assistance Act	H.J. Christian	W-3322 . . 2780
Division Analyst	J.G. Ker	W-3323 . . 2780
Administrative Officer	P.S. King	W-3330 . . 2780
CORTS Secretariat	P. Wyatt, Co-ordinator . .	(705) 743-9311
302 King Street, Peterborough		
Ontario K9J 2S5		

PARK MANAGEMENT BRANCH

Room W-3324, Main Office.

Telephone (416) 965-2745.

Branch Director	R. H. Hambly	W-3324 . . 2745
Secretary	Ms. Y. Taylor	W-3324 . . 2745
Operations	W. Robertson, Spvr	W-3319 . . 2745
Information Officer	(vacant)	W-3319 . . 2745
Sanitation	S. C. Cowan, Spvr	W-3317 . . 2745
Development	G. A. Ashenden, Spvr . .	W-3321 . . 2745
Development Officer	R. Lockwood	W-3321 . . 2745
Visitor Services	C.R. Tilt, Spvr	W-3335 . . 2745
Interpretive Planner	W. Yetman	W-3335 . . 2745
Interpretive Designer	M. Medved	W-3335 . . 2745
Bronte Creek Project Co-Ordinator	I.C. Johnson	W-3322 . . 2745

PUBLIC USE OF PROVINCIAL PARKS

Year	Vehicle Entries	Interior Campers	Campers	Average Days	Camper Days	Total of Visitors
1965	2,437,988	53,653	902,472	2.8	2,495,284	8,875,668
1966	2,738,664	52,722	994,787	2.7	2,653,055	9,791,671
1967	2,817,362	49,957	1,155,091	2.4	2,805,143	10,192,533
1968	2,588,242	59,377	1,119,912	2.2	2,457,801	9,440,211
1969	2,946,228	51,522	1,360,639	2.2	2,956,214	10,459,936
1970	3,468,758	63,434	1,531,528	2.2	3,524,322	12,172,254
1971	3,903,368	77,100	1,618,948	2.3	3,788,525	13,658,619
1972	3,652,935	82,558	1,498,479	2.2	3,291,559	12,320,794
1973	3,585,161	99,366	1,600,817	2.2	3,547,215	12,136,909
1974	3,286,106	87,331	1,615,677	2.3	3,702,059	11,031,651
1975	3,401,561	94,280	1,621,887	2.5	3,979,473	11,139,864

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Self-guiding Trails	Conducted Hikes	Evening Programs	Special Groups	Total
1965	19	326,298	81,426	10,515	51,639	.....	469,914
1966	21	392,403	88,004	11,453	53,161	.....	545,021
1967	23	384,666	117,009	20,421	57,754	.....	579,850
1968	23	420,617	114,731	14,123	121,127	.....	661,598
1969	25	447,565	104,688	19,481	202,363	.....	774,097
1970	26	401,090	121,866	14,195	172,882	.....	754,021
1971	37	460,085	198,629	25,074	208,572	.....	892,760
1972	44	415,032	184,238	22,522	132,134	43,782	796,709
1973	60	433,200	216,436	27,147	178,557	33,974	894,314
1974	55	445,460	228,319	31,048	159,932	54,527	919,286
1975	73	603,630	247,901	38,253	195,775	124,307	1,454,270

GROWTH OF PROVINCIAL PARKS

Year	Camping		Reserve Areas		Provincial Parks	
	Parks	Units	No.	Acreage	No.	Acreage
1965	80	15,427	55	437,338	89	3,742,160
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	3,763,440
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	113	10,282,848
1972	94	19,983	133	1,324,388	115	10,363,312
1973	95	20,209	135	1,258,099	115	10,405,264
1974	95	20,036	128	1,120,861	117	10,466,469
1975	97	20,332	104	1,262,335	121	10,416,219

121 PROVINCIAL PARKS IN OPERATION IN 1975

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
NORTHWESTERN REGION					
RED LAKE					
Pakwash	1,558	57	2,518	3,982	34,184
KENORA					
Rushing River	469	191	23,112	116,925	103,439
Sioux Narrows	325	71	5,843	11,633	51,805
FORT FRANCES					
Caliper Lake	246	92	6,331	10,932	49,659
Lake of the Woods	2,711	100	7,351	13,874	54,412
DRYDEN					
Aaron	173	92	11,101	13,047	51,922
Blue Lake	874	185	18,156	42,942	120,329
SIOUX LOOKOUT					
Ojibway	6,500	50	1,850	5,948	14,767
IGNACE					
Sandbar Lake	7,800	78	10,132	12,388	43,276
Total, 9 Parks	20,656	916	86,394	231,671	523,793
NORTH CENTRAL REGION					
ATIKOKAN					
Quetico	1,150,404	135	15,953	25,532	28,759
THUNDER BAY					
Inwood	82	90	15,954	16,954	19,966
Kakabeka Falls	1,039	161	36,718	43,468	285,299
Middle Falls	11	30	3,885	3,891	7,420
Ouimet Canyon	1,920	...	...	...	Free Entry
Sibley	60,380	222	18,018	32,662	41,647
NIPIGON					
Blacksand	3,604	80	4,214	6,305	14,242
GERALDTON					
Klotz Lake	293	30	3,629	4,592	10,347
MacLeod	200	85	8,306	13,647	34,499
TERRACE BAY					
Neys	8,512	150	25,136	31,967	32,276
Rainbow Falls	1,422	230	23,239	26,694	29,826
WHITE RIVER					
Obatanga	23,250	117	14,840	20,922	25,370
White Lake	4,265	189	21,573	34,580	70,646
Total, 13 Parks	1,255,382	1,519	174,465	261,214	609,297
NORTHERN REGION					
HEARST					
Fushimi Lake	26,775	40	3,240	6,259	16,100
Nagagamisis	14,446	165	6,152	18,813	22,599
MOOSONEE					
Polar Bear	5,952,000	...	...	...	Free Entry
Tidewater	2,421	36	1,162	2,203	2,683
KAPUSKASING					
Remi Lake	7,324	101	8,689	23,194	51,550

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
COCHRANE					
Greenwater	11,049	107	5,227	11,656	55,355
KIRKLAND LAKE					
Esler Lakes	7,680	136	6,676	20,897	31,274
Kap-Kig-Iwan	824	64	5,838	8,477	41,790
TIMMINS					
Kettle Lakes	2,454	168	15,237	31,597	4,471
CHAPLEAU					
Five Mile Lake	1,128	46	2,957	5,840	5,570
Ivanhoe Lake	3,000	152	7,294	19,397	88,586
Missinabi Lake	108,876	48	1,741	6,969	1,472
The Shoals	27,670	58	3,609	7,054	16,806
Wakami Lake	21,760	68	2,917	13,217	20,865
Total, 14 Parks	6,197,407	1,189	79,739	175,573	359,121
NORTHEASTERN REGION					
WAWA					
Lake Superior	384,640	354	44,157	55,921	171,559
SAULT STE. MARIE					
Batchawana Bay	48	...	...	...	Free Entry
Pancake Bay	1,151	320	41,506	62,914	218,729
BLIND RIVER					
Mississagi	7,124	101	5,933	15,266	39,678
ESPANOLA					
Chutes	270	91	18,572	23,813	79,665
SUDBURY					
Fairbank	260	156	10,231	25,938	52,955
Halfway Lake	58,240	215	7,624	17,998	95,133
Killarney	84,328	140	8,472	37,908	35,332
Windy Lake	343	75	6,660	21,733	117,703
TEMAGAMI					
Finlayson Point	92	114	11,402	20,573	25,395
NORTH BAY					
Antoine	30	30	1,385	1,971	9,847
Marten River	989	216	16,057	36,645	79,140
Restoule	1,635	278	9,891	47,726	63,589
Samuel de Champlain	5,809	212	13,840	28,154	72,614
Total, 14 Parks	545,329	2,302	195,730	395,560	1,061,339
ALGONQUIN REGION					
PARRY SOUND					
Grundy Lake	6,310	520	37,186	113,435	137,891
Killbear	4,340	967	51,066	224,577	348,643
Oastler Lake	78	160	14,304	42,507	125,364
Sturgeon Bay	35	82	6,824	23,691	35,123
BRACEBRIDGE					
Arrowhead	1,920	386	30,535	89,848	197,531
Mikisew	133	259	12,250	48,726	48,429
ALGONQUIN PARK					
Algonquin	1,862,400	1,309	112,474	313,458	683,661
Driftwood	655	88	8,033	15,144	13,330

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
BANCROFT					
Lake St. Peter	62	60	4,019	12,116	50,500
Petroglyphs	3,957	...	...	Free Entry	13,613
Silent Lake	1,900	73	3,303	5,621	31,896
PEMBROKE					
Bonnechere	280	114	6,284	22,472	14,072
Carson Lake	32	46	3,302	7,515	3,497
Total, 13 Parks	1,882,202	4,064	289,580	919,110	1,703,550
EASTERN REGION					
OTTAWA					
Fitzroy	457	257	22,159	41,855	148,587
Rideau River	242	185	17,561	30,295	121,635
CORNWALL					
Carillon	1,715	302	17,861	40,299	158,236
South Nation	13	28	3,538	4,172	18,780
BROCKVILLE					
Charleston Lake	2,230	190	9,612	28,947	69,060
LANARK					
Silver Lake	107	176	17,287	33,130	79,834
TWEED					
Bon Echo	16,417	470	40,725	111,159	202,040
Sharbot Lake	170	191	11,651	34,320	68,933
NAPANEE					
Ferris	490	110	1,420	2,541	4,809
Lake on the Mountain	5	...	...	...	Free Entry
North Beach	221	...	...	...	99,975
Outlet Beach	675	484	34,906	112,187	438,639
Presqu'ile	2,170	520	35,577	71,572	221,809
Sandbanks	1,802	(Camping report under Outlet Beach)			...
Total, 14 Parks	26,714	2,913	212,297	510,477	1,632,337
CENTRAL REGION					
LINDSAY					
Balsam Lake	1,109	531	32,773	93,338	124,212
Darlington	274	360	42,703	65,980	190,454
Emily	207	299	21,193	54,284	193,198
Mark S. Burnham	97	...	...	...	Free Entry
Serpent Mounds	138	113	12,871	36,311	130,059
HURONIA					
Bass Lake	98	92	12,641	29,626	185,468
Devil's Glen	14	40	4,660	7,704	40,823
Earl Rowe	742	591	34,520	95,571	307,990
Mara	112	100	9,648	24,713	55,289
McRae Point	340	200	12,607	32,518	43,953
Six Mile Lake	203	192	18,415	45,021	130,052
Springwater	116	...	...	...	62,798
Wasaga Beach	344	...	...	...	184,707
MAPLE					
Sibbald Point	556	656	36,910	104,371	382,241

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
CAMBRIDGE					
Bronte Creek	1,700	...	...	...	116,339
NIAGARA					
Rock Point	241	47	7,700	7,927	48,685
Total, 16 Parks	6,291	3,221	246,601	652,148	2,196,268
SOUTHWESTERN REGION					
SIMCOE					
Long Point	849	270	19,915	62,217	249,245
Selkirk	145	160	9,004	20,346	76,308
Turkey Point	782	390	16,368	38,518	299,135
AYLMER					
Iroquois Beach	560	232	9,188	23,424	216,635
John E. Pearce	168	...	...	...	Free Entry
Port Bruce	13	...	...	...	Free Entry
CHATHAM					
Holiday Beach	227	45	4,882	12,525	290,453
Ipperwash	201	264	20,870	84,390	246,286
Pinery	5,762	1,098	103,347	212,780	372,012
Rondeau	11,900	366	27,615	75,767	464,205
Wheatley	596	284	22,175	50,513	140,551
WINGHAM					
Point Farms	760	200	16,773	41,354	130,937
OWEN SOUND					
Craigleith	162	170	17,808	38,743	105,505
Cyprus Lake	1,654	250	27,089	67,868	228,131
Inverhuron	713	325	30,214	69,993	163,775
Sauble Falls	50	154	20,833	35,282	79,987
Total, 16 Parks	24,542	4,208	346,081	833,720	3,063,159
WILD RIVER PARKS					
Chapleau-Nemegosenda . . .	25,000	(Chapleau)	...	...	...
Lady Evelyn	6,083	(Temagami)	...	...	...
Mattawa	8,050	(North Bay)	...	...	...
Mississagi	11,635	(Blind River, Espanola, Chapleau)	...	...	...
Winisk	415,400	(Geraldton)	...	...	...
Total, 5 Parks	466,173	...	...	...	...
NATURE RESERVES					
Cavern Lake	467	(Thunder Bay)	...	...	...
Gibson River	415	(Huronía)	...	...	...
Matawatchan	160	(Pembroke)	...	...	...
Montreal River	108	(Sault Ste. Marie)	...	...	...
Purphyry Island	264	(Thunder Bay)	...	...	...
Trillium Woods	25	(Aylmer)	...	...	...
Waubeshene Beaches	84	(Huronía)	...	...	...
Total, 7 Parks	1,523	...	...	...	...
TOTAL, 121 Parks	10,416,219	20,332	1,621,887	3,979,473	11,139,864

DIVISION OF PARKS

PARK PLANNING BRANCH

Room W-3312, Main Office.

Telephone (416) 965-3981.

Branch Director	R.J. Vrancart	W-3312 . . 3981
Secretary	Mrs. M. Naumoff	W-3312 . . 3981
Stenographer	Miss E. Lynch	W-3312 . . 3981
Systems Planning	R.L. Mitton, Spvr	W-3308 . . 3981
Senior Planner (Conservation)	(Vacant)	W-3312
Senior Planner (Research)	D. Hallman	W-3315 . . 3981
Senior Planner (Recreation)	(Vacant)	W-3312 . . 3981
Recreation Planner	R.A. Beatty	W-3315 . . 3981
Recreation Planner	Mrs. P. Neice	W-3313 . . 3981
Master Planning	N.R. Richards, Spvr	W-3314 . . 3981
Senior Master Planner	W. Sargant	W-3313A . 3981
Inventory Co-ordinator	(Vacant)	W-3316
Site Planning Unit (Maple)	I. Olcay, Spvr	(416) 832-2261-336
Senior Landscape Architect	G. Pittenger . . . . .	. . . . .

104 PROVINCIAL PARK RESERVE AREAS — September 1, 1976

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
NORTHWESTERN REGION		CHAPLEAU	
RED LAKE		Missinaibi Lake	45,552
Irregular Lake	370,000	The Shoals	15,816
KENORA		COCHRANE	
Pipestone Peninsula	3,530	Long Point Peninsula	18,500
Pistol Lake	4,024	Otter Rapids	486
FORT FRANCES		Pierre-Montreuil	42,088
Pow-Wow Grounds	1,730	KIRKLAND LAKE	
Sand Point Island	2,197	McCann	640
Total, 5 Areas	381,481	GOGAMA	
NORTH CENTRAL REGION		Dividing Lake	19,240
ATIKOKAN		La Motte Lake	1,250
Warner Lake	745	Total, 13 Areas	212,525
White Otter Lake	60,000	NORTHEASTERN REGION	
THUNDER BAY		WAWA	
Arrowhead Peninsula	850	Pothole	870
Inwood	1,000	SAULT STE. MARIE	
Kashabowie	19,130	Mark's Bay	258
LaVerendrye W. R.	3,240	BLIND RIVER	
Silver Falls	8,988	Aubrey Falls	17,000
Arrow Lake	1,000	Mississagi	97,000
NIPIGON		Mashagama	640
Cypress River	600	ESPANOLA	
Gravel Bay	250	La Cloche	12,278
Gravel River	800	SUDBURY	
Humboldt Bay	73,000	Wanapitei Lake	3,334
Kopka Lake	10,000	Halfway Lake	58,240
Partridge Lake	6,500	TEMAGAMI	
GERALDTON		W. B. Greenwood	23,000
Esnagami Lake	58,000	NORTH BAY	
Lukinto Lake	2,250	Restoule	1,155
Purgatory Chutes	100	South Bay	3,963
TERRACE BAY		Total, 11 Areas	217,738
Slate Islands	9,793	ALGONQUIN REGION	
Steel River	2,700	PARRY SOUND	
WHITE RIVER		Blackstone Harbour	16,734
Kakakiwibik Lake	58,882	McDonald Bay	1,100
Kawapitapika Lake	2,800	Magnetawan W.R.	19,572
Total, 21 Areas	320,628	O'Donnell Point	2,130
NORTHERN REGION		Round Lake	24,265
HEARST		Shawanaga Basin	2,560
Nagagami Lake	4,085	South Limestone Island	11
Rogers	1,510	BANCROFT	
Fushimi Lake	26,775	Kawartha Highlands	3,800
KAPUSKASING		McKenzie Lake	3,408
Missinaibi W.R.	30,183	Silent Lake	1,890
TIMMING			
Dana-Jowsey Lakes	6,400		

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
PEMBROKE		MAPLE	
Centennial Lake	10,025	Credit Forks	508
Madawaska W.R.	2,600	Duclos Point	338
Round Lake	307	Cheltenham	246
BRACEBRIDGE		Grange Property	350
Bigwind Lake	5,625	CAMBRIDGE	
Chetwynd	210	Cranberry Bog	20
Ragged Falls	344	NIAGARA	
MINDEN		James N. Allen	279
Red Pine Lake	7,200	Short Hills	1,259
Total, 17 Areas	101,791	Total, 26, Areas	23,834
EASTERN REGION		SOUTHWESTERN REGION	
BROCKVILLE		AYLMER	
Blue Mountain	1,795	Komoka	149
LANARK		CHATHAM	
Kilmarnock	63	Pecche Island	110
Mouth of Tay	159	Tremblay Beach	154
TWEED		OWEN SOUND	
Baudner Property	86	Cyprus Lake	709
NAPANEE		Fathom Five	329
Casey Point	81	Stokes Bay	704
Total, 5 Areas	2,184	Total, 6 Areas	2,154
CENTRAL REGION			
LINDSAY			
Indian Point	2,118	TOAL, 104 Areas	
Kendal Recreation Area	863	1,262,335	
Harris Island	186		
Quackenbush Site	121		
Scugog Island	415		
Wolf Island	464		
HURONIA			
Allandale	198		
Bass Lake (P.P. extension)	75		
Bass Lake	457		
Boyne Valley	2,652		
Couchiching	108		
Devil's Glen	135		
Giant's Tomb	1,184		
Lavender Falls	499		
Matchedash.	6,200		
Mono Rocks	1,313		
Nottawasaga Lookout	540		
Scott's Falls	1,207		
Wasaga Backlands	2,100		

DIVISION OF LANDS

Room W-1514, Main Office.

Telephone (416) 965-6045.

Executive Director	J.W. Keenan	W-1514 . . 6045
Administration	J. Botterill	W-6637 . . 2724
Program Analyst	Mrs. Janine Zend	W-1511 . . 1075

LANDS ADMINISTRATION BRANCH

Room W-1618, Main Office.

Telephone (416) 965-1316.

Branch Director	J. McGinn	W-1618 . . 1316
Public Lands Section	J. Morton, Spvr	W-1408 . . 2741
Public Lands Management	W. P. Small	W-1301 . . 4507
Disposition	Miss J. A. Hunter	W-1407 . . 2743
Disposition Standards	G. J. Madill	W-1302 . . 1251
Mining Lands Section	J. C. Smith, Spvr.	W-1626 . . 1380
Administrator, Mining Lands	F. W. Matthews	W-1617 . . 6918
Eastern Ontario Mining Recorder	D. S. Andrews	W-1506 . . 1322
Control Officer, Mining Claims	W. Manza	W-1626 . . 1380
Eastern Ont. Mining Claims Inspector, 31 Springbrook Drive, Kawartha Heights, Peterborough	D. H. Leaper	(705) 743-6849
Land Acquisition Section	V. A. Leonard, Spvr.	W-1412 . . 2738
Titles Section	W.L. Good, Spvr	W-1620 . . 1319
Document Officer	C.D. Egerton	W-1620 . . 1319
Acreage Tax Administrator	Mrs. D.H. Holland	W-6408 . . 1319
Records Officer	R.E. Dixon	W-6408 . . 1319

FREE GRANT LAND — in years ending March 31

Year	Locations		Cancellations		Assignments		Patents	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1966	24	2,756	..	.....	12	1,307
1967	2	186	..	.....	7	732
1968
1969	3	268	1	68	2	168
1970	3	177
1971	1	100
1972
1973
1974
1975	1	48
1976	1	150

AGRICULTURAL LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1966	12	1,084	29	2,860	..	.....	42	4,362	..	.....
1967	6	476	15	1,591	..	.....	28	2,510	1	100
1968	1	160	2	240	..	.....	24	2,480	2	177
1969	2	226	2	235	..	.....	19	2,144	..	.....
1970	1	86	1	80	..	.....	8	902	1	9
1971	3	425	..	.....	..	.....	4	505	..	.....
1972	1	62	..	.....	..	.....	1	115	..	.....
1973	1	39	..	.....	..	.....	3	279	..	.....
1974	1	138	1	147	..	.....	3	236	..	.....
1975	2	171	..	.....	..	.....	4	593	..	.....
1976	..	...	1	70	..	.....	1	75	..	.....

SUMMER RESORT LAND — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Surveys	Crown Leases	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres		No.	Acres
1966	856	863	23	21	17	25	833	925	838	...	...
1967	1,142	1,109	17	15	30	27	827	821	897	...	...
1968	944	977	20	24	27	23	961	940	746	...	...
1969	1,379	1,392	25	27	25	27	1,117	1,080	1,018	...	...
1970	1,563	1,565	16	19	32	30	1,065	1,195	1,447	...	...
1971	1,539	1,459	12	14	44	121	1,519	1,461	.....	...	...
1972	179	241	9	11	11	10	1,457	1,506	.....	284	473
1973	56	89	3	4	2	2	790	793	.....	398	313
1974	26	34	9	16	4	5	217	238	12	293	242
1975	22	21	3	5	41	27	56	115	27	508	628
1976	3	2	13	13	77	80	23	41	250	340	308

CITIES, TOWNS AND TOWNPLOTS — in years ending March 31

Year	Sales		Cancellations		Assignments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1966	34	14.189	11	2.140	1	0.24	45	12.254	1	0.69
1967	27	10.275	5	1.063	1	0.09	23	13.106	..	.....
1968	37	12.491	5	1.165	5	1.18	37	14.986	1	0.50
1969	71	64.638	3	1.39	1	0.30	59	15.563	1	.....
1970	63	56.921	9	27.072	2	0.45	34	92.558	3	17.349
1971	31	97.983	1	0.110	..	.....	40	16.015	..	.....
1972	62	39.634	2	4.610	..	.....	49	38.267	1	0.130
1973	68	52.141	..	.....	..	.....	42	34.118	..	.....
1974	39	36.503	1	0.33	1	0.34	35	640.045	..	.....
1975	29	9.959	1	0.40	..	.....	43	46.520	..	.....
1976	33	28.679	2	0.42	..	.....	62	63,807	..	.....

LAND FOR SPECIAL USE — in years ending March 31

Year	Sales		Cancellations		Assign-ments		Patents		Quit Claim Deeds	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1966	83	671.358	8	244.489	..	....	99	2,345.328	15	926.54
1967	128	1,462.543	3	47.01	..	.....	149	3,916.502	13	937.583
1968	108	1,192.00	4	204.00	1	1.00	153	1,896.00	8	221.00
1969	125	3,283.274	4	466.39	1	0.22	144	3,803.024	10	246.37
1970	111	954.161	2	1.55	..	....	113	2,747.811	10	217.765
1971	104	1,658.862	..	.....	..	....	161	3,908.937	10	131.657
1972	73	2,058.114	9	411.912	..	....	118	4,122.455	8	49.715
1973	53	1,199.084	2	51.170	..	.....	99	24,587.129	8	155.17
1974	59	447.659	3	75.77	2	2.52	106	3,089.561	10	194.79
1975	46	496.078	..	.....	2	0.314	126	1,934.640	13	503.79
1976	98	1,532.285	..	....	..	.....	188	4,328.859	12	21.22

LICENCES OF OCCUPATION AND LEASES — in years ending March 31

Year	LICENCES OF OCCUPATION				LEASES					
	Issued		Cancelled		Issued			Cancelled		
	No.	Acres	No.	Acres	No.	Parks	Acres	No.	Parks	Acres
1966	53	.....	71	.....	76	..	.....	86	..	.....
1967	65	1,458	90	2,891	82	..	404	97	..	1,214
1968	72	7,275	58	6,662	97	..	418	112	..	357
1969	61	3,575	62	8,609	81	..	351	94	..	415
1970	67	1,134	44	1,688	101	..	349	85	..	209
1971	50	3,383	64	363	25	..	236	22	..	176
1972	132	27,176	..	.....	126	..	2,991	..	..	.....
1973	85	4,281	4	326	48	49	411	8	4	28
1974	61	241	21	853	40	63	725	11	10	1,814
1975	88	843	37	521	82	66	731	29	70	150
1976	70	4,014	49	980	55	44	945	32	76	403

MINING LANDS — in years ending March 31

Year	PATENTS		LEASES				Surface Rights		LICENCES OF OCCUPATION		QUIT CLAIM DEEDS AND REGRANTS	
	No.	Acres	No.	Acres	New	No.	Acres	No.	Acres	No.	Acres	No.
1973*	...	.....	123	19,740	106	31,524	2	655	2	2,785	39	2,218,175
1974	3	124	26	1,571	80	23,721	4	820	2	400,850	40	3,408,400
1975	...	.....	210	11,887	99	23,218	3	295	1	9,725	32	1,632,150
1976	...	.....	142	6,649	61	26,145	..	...	3	107,290	21	1,134,408

PROSPECTING ACTIVITIES

Year	MINING CLAIMS				ASSESSMENT WORK (Days)	QUARRY PERMITS Issued	MINERS LICENCES	
	Recorded	Cancelled	In Good Standing				Issued	Renewed
1966	39,097	42,726	65,659	841,798	408	2,863	4,765	
1967	32,271	39,693	58,237	968,431	401	1,882	4,313	
1968	38,705	31,629	65,313	1,070,212	459	2,257	3,878	
1969	45,852	31,621	79,544	1,369,470	484	1,768	3,347	
1970	40,693	36,867	93,775	1,800,360	521	1,534	3,117	
1971	24,410	42,501	75,684	1,251,205	...	1,310	3,192	
1972	19,267	37,753	57,198	857,940	598	1,239	2,955	
1973	18,170	30,065	45,116	598,337	661	1,287	2,601	
1974	20,710	17,563	44,241	784,155	650	1,152	2,057	
1975	20,343	20,033	47,795	799,980	799	1,145	2,044	
1976	20,290	14,879	44,096	697,297	764	1,128	2,590	

* January 1, 1972, to March 31, 1973.

LANDS ACQUIRED BY CROWN — Number of Acres in years ending March 31

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased or Otherwise Acquired	Total	Acreage Tax Forfeitures
1966	5,484	1,989	8,285	15,758	.....
1967	8,402	1,840	12,601	22,843	.....
1968	8,344	470	46,435	55,249	.....
1969	2,411	996	208,026	211,433	.....
1970	3,272	128	88,023	91,423	.....
1971	1,515	14	10,692	12,221	.....
1972	1,519	428	10,745	12,692	.....
1973	4,160	55	33,611	37,826	*68,750
1974	1,896	240	1,541,291	1,543,427	33,000
1975	831	5	13,062	13,898	28,000
1976	662	1	5,744	6,407	27,012

* January 1, 1972, to March 31, 1973.

USE CATEGORY OF ACQUIRED LANDS — Acres in years ending March 31

Year	Provincial Parks	Access Points	Wilderness Areas	Sport Fisheries	Wildlife Mngt	Timber Mngt	District Imprvmnts	Total
1968	9,142	1,135	357	8,829	3,328	32,632	154	55,577
1969	5,422	349	136	5,007	6,557	194,496	1,481	213,448
1970	3,633	350	21	1,318	3,091	83,240	3	91,656
1971	3,317	444	656	656	4,620	4,316	.....	14,009
1972	6,967	22	531	3,579	4,568	2,045	.....	17,712
1973	26,277	162	374	477	2,569	3,752	.....	33,611
1974	16,363	6	294	55	595	3,506	206	21,024
1975	10,359	10	50	2	2,435	200	6	13,062
1976	5,209	29	86	16	403	...	.....	5,743

DIVISION OF LANDS

SURVEYS AND MAPPING BRANCH

Room W-6602, Main Office.

Telephone (416) 965-6225.

Branch Director, Surveyor General	Robert G. Code	W-6602 . . 6225
Cadastral Surveys Section	M. Berman, Spvr.	W-6619 . . 2714
Crown Surveys and Examination	J. E. Hietala	W-6619 . . 2714
Survey Research, Descriptions	J. P. Campbell	W-6619 . . 2714
Survey Records Information	D. E. Jeanes	W-6406 . . 7058
Control Surveys Section	W. Jenns	W-6617 . . 4538
Geographical Referencing		
Co-ordinator, Geog. Referencing	J. Kerr	W-6601 . . 4538
Co-ordinator, Mapping Services	J. A. Haddon	W-6604 . . 4538
Drafting Services Section	D. F. MacKinnon, Spvr . .	W-6503 . . 7108
Crown Lands	R.B. McBride	W-6502 . . 7108
Mining Lands	B. Kozij	W-1632 . . 1187
Forest Resources Inventory	W.J. Clark	W-4401 . . 3319
Ontario Land Inventory (R. Hill)	N.W. McLeod	(416) 884-8151
Conservation Authorities	W.J. Clark	W-4401 . . 3319
Lake Resources Inventory	W.J. Clark	W-4401 . . 3319
Scientific Review	R. Balgalvis	W-2317 . . 4534
Petroleum Resources	A. Beck	880 Bay St. . 1062
Cartography Section	J. G. Pound, Spvr.	W-2609 . . 4743
Supervisory Cartographers	F. W. Dawson	W-2617 . . 1822
	B. Jackson	W-2615 . . 1208
	P. A. Ralph	W-2615 . . 1804
	D. W. Robeson	W-2617 . . 1823
Ontario Geographic Names Board	M. B. Smart, Exec. Secy. .	W-6606 . . 6515
Toponymist	P. J. Roulston	W-6606 . . 6515
Ontario Centre for Remote Sensing		
Associate Director	G.V. Zsilinszky	801 Bay St. 8411
Training and Research	S. Palabekiroglu . . . . .	. . . . . 8411
Applications	D. Bates . . . . .	. . . . . 8411
Research Forestry	A. Boissonneau . . . . .	. . . . . 8411
Research Engineering	C. Graham . . . . .	. . . . . 8411
Geotechnical Specialist	G. Lawrence . . . . .	. . . . . 8411
Environmental Specialist	A. Japp . . . . .	. . . . . 8411
Ontario Land Inventory	T. Ellis . . . . .	. . . . . 8411
	J. Watts . . . . .	. . . . . 8411

DIVISION OF LANDS

LAND USE CO-ORDINATION BRANCH

Room W-1411, Main Office. Telephone (416) 965-2899.

Branch Director	R.J. Burgar	W-1411 . . 2899
Land Use Planning Section	M.S. Millar, Spvr	W-1412 . . 2899
Project Planner	J.R.M. Williams	W-1412 . . 2899
Lake Planning	N.C. Gordon	W-1412 . . 2899
Land Use Liaison Section	E.M. Cressman, Spvr.	W-1410 . . 2899
Plan Review Section	E.F. Anderson, Spvr	W-1411 . . 5344
Local Plan Analyst	K.G. McCleary	W-1411 . . 5344
Environmental Analyst	B.B. Benson	W-1509 . . 5344

PLANS REVIEWED — in years ending March 31

Year	Specific Development Plans			Official Plans Amendments Zoning By-Laws	Design for Development
	Subdivision	Severance	Other		
1973	698	60	20	113	...
1974	1,053	838	157	192	...
1975	936	1,779	277	355	...
1976	1,324	2,149	687	601	5

PLANNING PROJECTS — in years ending March 31

Year	Ministry Plans	Cottage Lots Planned	Other Ministries & Agencies Plans	Municipal Plans
1974	17	.....	39	29
1975	14	.....	78	123
1976	27	1,091	113	73

FIELD SERVICES DIVISION

Room W-5615, Main Office.

Telephone (416) 965-2781.

Executive Director	W.G. Cleaveley	W-5615 . . 2781
Administration	T.M. Van Dusen	W-5617 . . 2781
Office Manager	P. Steven	W-5619 . . 2781
Program Analyst	W.H. Bookbinder	W-5614 . . 2781

FOREST FIRE CONTROL BRANCH

Room W-5607, Main Office.

Telephone (416) 965-2781.

Branch Director	W.L. Sleeman	W-5607 . . 2781
Fire Control	J.F. Goodman, Spvr	W-5602 . . 2781
Communications	J. Azevedo	W-5606 . . 2781
Flight Ops Officer, Malton Airbase	W.C. Clarke	(416) 248-3487

FOREST FIRE RECORD

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1917	\$ .....	\$ .....	.....	.....	384,164	1,110	346
1918	.....	.....	.....	.....	30,172	965	31
1919	.....	.....	.....	.....	922,161	1,780	518
1920	.....	.....	.....	.....	358,851	1,287	279
1921	.....	.....	.....	.....	749,534	1,269	591
1922	.....	.....	.....	.....	346,193	1,021	339
1923	.....	.....	.....	.....	2,120,148	1,343	1,579
1924	.....	.....	.....	.....	146,017	851	171
1925	.....	.....	.....	.....	189,543	1,149	165
1926	.....	.....	65,888	22,486	88,374	1,110	80
1927	.....	.....	22,772	12,970	35,742	924	39
1928	.....	.....	96,436	3,947	100,383	536	187
1929	.....	.....	608,750	16,893	625,643	1,550	404
1930	.....	.....	357,531	354,278	711,809	1,402	508
1931	.....	.....	105,866	32,421	138,287	1,851	75
1932	.....	.....	626,555	52,466	679,021	2,073	328
1933	.....	.....	325,034	24,924	349,958	1,919	182
1934	.....	.....	160,348	38,285	198,633	1,568	127
1935	.....	.....	183,179	67,483	250,662	1,309	191
1936	.....	.....	1,153,876	110,557	1,264,433	2,264	558
1937	.....	.....	201,887	22,859	224,746	1,453	155
1938	.....	.....	96,168	42,077	138,245	1,292	107
1939	.....	.....	26,089	3,009	29,098	961	30
1940	.....	.....	100,990	20,624	121,614	1,014	120
1941	.....	.....	271,793	394,754	666,547	1,265	527
1942	.....	.....	77,709	36,007	113,716	1,224	93
1943	.....	.....	33,465	19,352	52,817	624	85
1944	.....	.....	73,228	95,663	168,891	1,137	149
1945	.....	.....	17,997	30,513	48,510	966	50
1946	.....	.....	44,656	32,113	76,769	1,739	44
1947	.....	.....	38,093	45,939	84,032	1,393	60
1948	.....	.....	854,778	162,611	1,017,389	2,036	500
1949	.....	.....	40,593	19,472	60,065	1,834	33
1950	55,148	103,682	13,203	23,577	36,780	985	37
1951	389,447	56,389	96,662	4,581	101,243	904	112
1952	29,504	31,347	7,264	5,157	12,421	1,095	11
1953	393,874	81,778	44,519	14,290	58,809	1,520	39
1954	406,241	15,650	36,115	18,578	54,693	881	62
1955	3,591,680	184,940	370,948	25,475	396,423	2,252	176
1956	3,068,152	22,319	221,822	4,390	226,212	1,017	222
1957	463,059	113,751	24,250	22,401	46,651	1,671	28
1958	311,503	97,036	25,544	11,108	36,652	1,558	24
1959	22,041	20,757	2,580	2,701	5,281	1,029	5
1960	438,094	56,442	29,190	2,196	31,386	956	33

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1961	\$31,989,802	\$152,638	1,180,900	3,828	1,184,728	1,305	908
1962	74,748	99,165	7,583	6,221	13,804	1,521	9
1963	706,888	39,932	40,692	15,446	56,138	1,885	30
1964	500,296	19,792	22,463	5,661	28,124	1,829	15
1965	386,850	254,105	14,995	4,909	19,904	1,218	16
1966	71,521	49,457	8,453	5,962	14,415	1,921	8
1967	1,353,919	87,638	58,733	4,769	63,502	1,465	43
1968	4,174	54,146	2,665	6,796	9,461	1,219	8
1969	134,756	4,623	4,481	1,653	6,134	901	7
1970	1,323,041	28,815	.....	.....	56,160	1,239	45
1971	462,064	75,875	.....	.....	36,199	1,790	20
1972	1,081,876	47,446	.....	.....	79,145	1,604	49
1973	11,944	121,900	5,973	2,940	8,913	1,111	8
1974	12,063,428	239,384	1,291,473	3,327	1,294,800	1,625	797
1975	683,726	340,414	27,740	13,911	41,651	3,146	13

1975 FOREST FIRES

District	Acres Burned Over	Number of Fires	Acres Per Fire	Months	Acres Burned Over	Number of Fires	Acres Per Fire
Dryden . . .	116.8	62	1.9	March . . .	2.0	1	2.0
Fort Frances .	207.0	48	4.3	April . . .	1,450.9	114	12.7
Ignace	145.0	60	2.4	May . . .	10,354.6	679	15.2
Kenora	181.1	109	1.7	June . . .	1,499.1	183	8.2
Red Lake . . .	326.8	52	6.3	July	8,354.5	910	9.2
Sioux Lookout	772.1	82	9.4	August . .	11,145.2	1,029	10.8
				September	815.5	105	7.8
Atikokan . . .	71.8	62	1.2	October . .	7,473.0	104	71.9
Geraldton . .	4,129.8	49	84.3	November	556.7	21	26.5
Nipigon . . .	67.3	37	1.8	Total . .	41,651.5	3,146	13.3
Terrace Bay .	5,463.8	27	202.4				
Thunder Bay .	691.0	103	6.7				
White River .	57.9	20	2.9				
Chapleau . . .	2,596.9	119	21.8				
Cochrane . . .	1,804.7	65	27.8				
Gogama . . .	52.7	64	.9				
Hearst	1,951.8	63	31.0				
Kapuskasing .	4,250.4	63	67.5				
Kirkland Lake	1,664.3	142	11.7				
Moosonee . .	39.6	10	4.0				
Timmins . . .	377.4	55	6.9				
Blind River . .	355.9	74	4.8				
Espanola . . .	223.6	73	3.1				
North Bay . .	930.0	183	5.1				
Sault Ste Marie	49.9	36	1.4				
Sudbury . . .	10,035.7	436	23.0				
Temagami . .	103.6	141	.7				
Wawa	238.8	83	2.9				
Algonquin Park	1,071.5	123	8.7				
Bancroft . . .	176.9	68	2.6				
Bracebridge .	159.7	77	2.1				
Minden . . .	137.5	51	2.7				
Parry Sound .	534.2	166	3.2				
Pembroke . .	1,056.5	130	8.1				
Lanark	13.6	16	.9				
Tweed	1,516.1	154	9.8				
Huronian . . .	26.6	10	2.7				
Lindsay . . .	17.9	13	1.4				
Niagara							
Owen Sound .	35.3	20	1.8				
Total . .	41,651.5	3,146	13.3				

DETECTION OF FORESTS FIRES

Agencies of Detection	1968	1969	1970	1971	1972	1973	1974	1975
Towers	275	190	210	287	129	12	8	6
Ministry Aircraft.	53	96	195	308	395	176	406	1,003
Total Organized Dtn . .	328	286	405	592	524	188	414	1,009
Public	866	579	711	1,098	909	852	1,093	1,876
Other Aircraft	25	36	123	100	171	71	118	261
Total Random Dtn . . .	891	615	834	1,198	1,080	923	1,211	2,137
Total Fires	1,219	901	1,239	1,790	1,604	1,111	1,625	3,146
%age, Organized Dtn . . .	27	33	25	33	33	17	25	32

SIZES OF FOREST FIRES

Area Burned Over	1968	1969	1970	1971	1972	1973	1974	1975
Up to 1/4 Acres	481	474	645	894	703	523	711	1,426
Over 1/4 to 10 Acres	602	383	508	755	757	534	713	1,444
Over 10 to 100 . . . Acres	118	36	61	108	97	43	112	222
Over 100 to 500 . . . Acres	17	6	11	17	26	6	29	39
Over 500 Acres	1	2	14	16	21	5	60	15
Total Fires	1,219	901	1,239	1,790	1,604	1,111	1,625	3,146

PROSECUTIONS

Actions re Forest Fires	1968	1969	1970	1971	1972	1973	1974	1975
Prosecutions	41	34	18	63	50	32	68	67
Convictions	36	29	16	55	43	29	56	57

CAUSES OF FOREST FIRES – I

GENERAL CAUSES	1968	1969	1970	1971	1972	1973	1974	1975
Recreation	356	256	363	702	346	357	412	966
Resident	262	128	150	192	206	164	223	281
Incendiary	32	9	21	27	29	25	19	43
Railways	141	78	125	152	175	149	158	288
Industry (Forest)	18	7	3	24	13	13	17	38
Industry (Other)	44	21	20	49	35	30	22	54
Miscellaneous (Known)	270	191	140	282	252	165	177	353
Unknown	17	9	14	23	20	35	51	80
Lightning	79	202	403	339	528	173	546	1,043
Total Fires	1,219	901	1,239	1,790	1,604	1,111	1,625	3,146

CAUSES OF FOREST FIRES – II

SOURCE OF IGNITION	1968	1969	1970	1971	1972	1973	1974	1975
Smoking Materials	325	212	250	405	263	242	264	532
Camp Fires	117	139	164	357	155	168	184	484
Matches	127	65	78	140	146	88	120	234
Fireworks	25	18	10	30	32	2	2	3
Explosives	1	1	...	...	4	1	1	3
Fusee	2	8	6	10	13	7	19	10
Prescribed Burning . . . . .	...	1	2	...	1	0	3	1
Dump Ashes, Coals	8	3	2	4	3	3	7	13
Burning Grass	47	32	39	50	45	58	74	100
Burning Brush	42	23	19	34	32	28	30	49
Burning Rubbish	70	31	42	33	37	32	50	61
Burning Garbage Dump	49	24	15	41	35	24	29	48
Burning Bulldozed Pile	7	1	...	3	5	0	3	3
Burning Sawdust Pile . . . . .	...	...	1	3	...	3	1	6
Burning Ties . . . . .	...	1	...	4	...	4	6	8
Burning Right of Way	15	6	7	21	14	3	5	11
Locomotive, Diesel	33	21	50	27	13	26	7	66
Locomotive, Steam . . . . .	...	...	...	...	...	0	...	1
Brake Shoe	72	34	45	90	117	87	90	162
Hot Box	3	...	2	...	2	7	3	6
Power Saw	1	3	1	3	3	1	4	5
Mechanical Equipment	12	7	8	17	18	17	25	35
Power Line (Short)	26	13	19	24	22	18	18	29
Sparks from Chimney	6	1	2	5	3	1	3	6
Sparks from Burner	3	1	3	2	5	2	5	1
Structural Fires	29	14	19	27	18	12	11	22
Miscellaneous (Known)	27	13	8	24	18	18	22	50
Unknown	64	27	44	97	73	86	93	154
Lightning	79	202	403	339	527	173	546	1,043
Total Fires	1,219	901	1,239	1,790	1,604	1,111	1,625	3,146

CAUSES OF FOREST FIRES – III

RESPONSIBLE GROUPS	1968	1969	1970	1971	1972	1973	1974	1975
RECREATION								
Fishermen	120	118	113	284	137	137	125	271
Hunters	17	15	12	35	20	28	13	75
Canoeists	8	10	13	38	10	14	20	68
Campers	30	30	37	87	38	40	52	171
Picnickers	9	10	15	20	6	9	13	18
Berry Pickers	21	23	85	55	18	58	88	172
TRAVELLERS								
Car Passengers	124	79	61	95	102	59	67	159
Hikers	29	27	27	74	26	21	29	66
Train Passengers	2	1	3	3	1	1	1	4
Guided Parties . . . . .	...	...	1	...	...	0	1	2
RESIDENTS								
Farmers	50	14	11	29	24	14	18	37
Rural Residents	129	53	81	65	106	105	142	156
Urban Residents	12	8	4	15	13	11	9	14
Private Cottagers	46	33	23	40	33	24	39	58
Resort Owners	9	...	4	3	2	5	1	6
Indians (on Reserves)	14	7	7	14	13	4	10	14
VOCATION								
Trappers	5	4	...	1	...	1	...	...
Prospectors	2	1	...	2	3	3	2	3
Timber Cruisers . . . . .	...	...	...	...	...	0	...	...
Survey Parties . . . . .	...	1	...	1	...	0	...	1
Military	1	1	...	1	1	0	1	...
EMPLOYEE OFF—								
Woods Industry	18	5	4	18	16	12	17	30
Mining	6	2	1	4	...	8	3	3
Pipeline . . . . .	...	...	...	17	1	1	...	...
Hydro	6	5	11	10	11	7	4	11
Telephone	1	...	...	...	1	0	...	...
Highway or Road	8	4	4	2	3	1	2	5
R.R. Section Crew	16	6	6	15	18	6	15	15
R.R. Train Crew	115	63	103	125	141	135	127	241
R.R. Work Crew	5	5	8	5	6	7	9	11
Other Industry	11	4	7	10	8	5	5	25
Natural Resources	1	2	3	6	4	2	8	10
Other Prov Government . . . .	...	...	...	...	1	1	...	...
Federal Government	1	1	...	...	...	1	1	...
Municipality	5	2	1	1	6	3	2	4
MISCELLANEOUS								
Children	164	85	99	202	164	100	111	187
Youth Camps	10	3	1	4	1	1	...	5
Miscellaneous (Known)	49	34	30	72	37	25	35	71
Unknown	96	43	61	98	106	84	108	190
Total Man-Caused Fires	1,140	699	836	1,451	1,077	938	1,078	2,103
Percentage of All Fires	94	78	67	81	67	84	66	67

FIELD SERVICES DIVISION

AIR SERVICE BRANCH

Box 310, Sault Ste. Marie, Ont P6A 5L8. Telephone (705) 942-1800

Branch Director	T. C. Cooke	1231
Maintenance Superintendent	C. E. Whittington	1231
Chief Pilot	W. K. Warner	1231
Accountant	P. F. Yade	1231
Purchasing Officer	H. J. McMillan	1231
Quality Control Inspector	D. J. Moffatt	1231

AIR SERVICE SUMMARY — I — Hours Flown in years ending March 31

Year	Fire Ranging	Timber	Fish and Wildlife	Surveys	Lands	Parks	Research	Inter- Ministry	Photo	Mercy Flights	Misc	Total
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05
1973	2,354	1,110	3,542	43	1,005	930	291	1,805	365	42	3,064	14,551:15
1974	4,355	70	4,057	440	778	777	115	1,930	...	81	1,430	14,033:6
1975	5,840	59	3,384	412	631	850	...	1,162	...	41	3,076	15,455:2
1976	5,204	1,354	3,901	195	709	884	77	1,689	490	66	2,404	16,972:7
1924-76												
Total	219,193	30,428	90,154	1,753	10,759	10,166	7,610	19,941	3,555	1,688	154,466	549,713.7

AIR SERVICE SUMMARY — II — in years ending March 31

Year	Mercy Flights	Passengers Carried	Flight Crew	Loads Carried	
				Tons	Pounds
1966	15	28,409	4,983	4,998	507
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
1973	28	32,050	22,418	13,568	1,880
1974	41	31,900	22,346	8,023	1,922
1975	19	26,558	17,156	12,686	1,531
1976	27	30,497	6,834	10,765	515
1924-76					
Total	480	1,003,949	350,401	203,690	1,949

FIELD SERVICES DIVISION

ENGINEERING SERVICES BRANCH

Room W-5620, Main Office.

Telephone (416) 965-1271.

Branch Director	S. B. Panting	W-5620A	1271
Audit and Design	R. M. Odell	W-5629	1271
Fleet and Equipment Management	J. E. Branchaud	W-5631	1271
Roads Co-ordinator	G. E. Holman	W-5620	1271
Water Management	T.M. Kurtz	W-5625A	1271
Special Services	R.A. Weir	W-5623	1271

VEHICLES AND EQUIPMENT IN SERVICE — in year ending March 31, 1976

Type	Fixed Complement	*Number in Operation
Sedans	236	290
Station Wagons	71	87
Pick-Ups	614	727
Pick-Ups 4 x 4	92	102
Crew Cabs	75	83
Suburban Travelall	29	35
Crew Cabs 4 x 4	36	36
Suburban Travelall 4 x 4	51	52
Passenger Vans	61	64
Cargo Vans	21	24
10,000 GVW Trucks	90	93
10,000 GVW (Garbage Packers)	13	13
15,000 GVW Trucks	12	13
19,000 GVW Trucks	66	11
19,000 GVW Trucks 4 x 4	3	3
24,000 GVW Trucks	62	65
27,000 GVW Trucks	32	32
34,000 GVW Trucks	3	3
34,000 GVW (Garbage Packers)	3	3
34,000 GVW Truck Tractors	1	1
54,000 GVW Tandem Trucks	2	2
10,000 GVW Trucks c/w 30' aerial bucket	1	1
24,000 GVW Trucks c/w 50' aerial bucket	1	1
50,000 GVW Equipment Float	1	1
Passenger Buses	14	17
TOTAL	1,590	1,819
Snowmobiles	509	550
Motorcycles	26	28
Tractors & ATV	304	317
Trailers (boat and equipment)	845	845
Trailers (refrigerated semi-trailers)	4	4

*Number includes replacements and vehicles to be disposed of.

CONSERVATION AUTHORITIES BRANCH

Room W-5501, Main Office.

Telephone (416) 965-6283

Branch Director	A.H. Peacock	W-5501 . . 6287
Secretary	Mrs. U.A. de Cordova	W-5501 . . 6287
Water Management		
Engineering Section	J.W. Murray, Spvr	W-5501 . . 6294
Watershed Management	R.B. Chang	W-5501 . . 6295
Hydrology and Regulations	G.S. Sardesai	W-5501 . . 6281
Hydrometeorologist	D.N. McMullen	W-5502 . . 6292
Program Planning		
and Land Management Section	W.C. Calvert, Spvr	W-5501 . . 6285
Land Use Planner	S.A. Mathewson	W-5501 . . 6286
Recreation Planner	Mrs. S.E. Shaw	W-5501 . . 6281
Land Management Forester	R.J. Dickie	W-5637 . . 6275
Financial Services	R.F. McDougal	W-5414 . . 7694

GRANTS TO CONSERVATION AUTHORITIES — in years ending March 31

Year	Adminis- tration	Conservation Areas	Niagara Escarpment	Lake Ontario Waterfront	Guelph Reservoir	Dam Operation	Water Control	Conservation Services and Sundry Capital	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1970	1,851,105	2,619,771	401,981	.....	.....	233,605	5,946,453	.....	11,052,915
1971	2,048,522	2,638,276	804,763	824,816	.....	177,940	5,936,613	.....	12,430,930
1972	2,424,768	2,790,100	548,792	659,311	.....	232,774	10,704,795	.....	17,360,540
1973	2,819,126	8,745,435	1,859,027	1,815,510	.....	284,221	11,494,112	826,484	27,843,915
1974	3,662,779	5,633,247	1,319,789	5,095,996	.....	264,813	11,706,636	592,866	28,276,126
1975	4,151,100	6,523,652	1,447,639	2,550,410	5,512,701	414,369	10,059,898	739,961	31,399,736

FINANCE AND ADMINISTRATION DIVISION

Room W-6314, Main Office.

Telephone (416) 965-6147.

Executive Director	G.D. Spry	W-6314 . . 6147
Program Analysis Co-ordinator	M.W. Cox	W-6310 . . 4218
Program Analyst, Land & Waters	L. Bailey	W-6310 . . 4218
Program Analyst, Resources & Recreation	G.E. Doan	W-6310 . . 4218
Program Analyst, Finance & Administration	G.M. Powers	W-6310 . . 4218
Systems Co-ordinator	G.M. Longley	W-2506 . . 5674

FINANCIAL MANAGEMENT BRANCH

Room W-4324, Main Office.

Telephone (416) 965-2761.

Branch Director	A.C. Goddard	W-4324 . . 2761
Budget Section	M.J. Churchill	W-4322 . . 1895
Financial Methods Section	C.K. Moulson	W-4402 . . 1218
Internal Audit Section	R.A. Groves	W-4332 . . 4087
Finance and Cost Analyst	E.E. Bayer	W-4331 . . 2761
Chief Accountant	W.A. Brown	W-4328 . . 2761
Financial Reporting Section	A.J. Mak	W-4302 . . 2769
Accounts Payable Section	T.J. Tunnicliff	W-4319 . . 2764
Revenue Accounts & Security Deposits Sect.	F.J. Morrell	W-5402 . . 2770
Payroll Section	K.D. Plouffe	W-4401 . . 2766
Fish & Wildlife Licence Issuing Section	F.J. Bailes	W-4304 . . 2814
Mining Revenue Section	K.H. Stahl	W-1413 . . 1314
Revenue Receiving Section	I.W. Dewell	W-4335 . . 4451
Accounting Claims, Special Assignments	F. Da Silva	W-4331 . . 2761

REVENUE AND EXPENDITURES* — in years ending March 31

Year	CASH RECEIPTS			CASH DISBURSEMENTS		
	Ordinary	Fixed Assets	Total General Revenue	Ordinary	Capital	Total General Expenditure
	\$	\$	\$	\$	\$	\$
1964	22,584,169	640,057	23,224,226	27,815,029	3,557,125	31,372,154
1965	23,373,311	768,852	24,042,163	28,667,274	1,562,776	30,230,050
1966	25,513,416	822,939	26,336,355	28,528,700	3,893,760	32,422,460
1967	26,288,442	1,129,352	27,417,794	36,307,310	5,905,588	42,212,898
1968	28,755,044	1,225,300	29,980,344	42,807,111	8,006,755	50,813,866
1969	32,291,089	1,488,316	33,779,405	48,375,965	10,343,575	58,719,540
1970	37,550,207	**1,968,479	39,518,686	.....	.....	†61,452,671
1971	38,441,964	1,415,841	39,857,805	.....	.....	71,501,138
1972	31,759,228	464,038	32,223,266	.....	.....	92,486,312
1973	.....	.....	††55,161,863	.....	.....	138,797,387
1974	.....	.....	††89,660,894	.....	.....	158,627,096
1975	.....	.....	††201,149,345	.....	.....	190,475,669
1976	.....	.....	††128,404,521	.....	.....	207,981,417

*Revenue and expenditure for 1973 includes Conservation Authorities Branch, Historical Sites Branch, Department of Lands and Forests, Department of Mines and Northern Affairs, and the St. Lawrence Parks Commission. Prior years' revenue and expenditure cover the Department of Lands and Forests only.

**Prior years designated as Capital Receipts.

†Expenditures designated as Ordinary and Capital in prior years.

††Receipts designated as Ordinary and Fixed Assets in prior years.

TIMBER REVENUE — in year ending March 31

Year	*Stumpage Charges	**Manage- ment Charges	Forest Protection Charges	Cash Deposits & Refunds	Logging Rds Const. Costs	Royalty Game	Agreement Forest	Federal Agreement	Misc.	Total
1973	\$ 13,219,732	\$ 146,230	\$ 1,900,485	\$ 30,467	\$ 237,716	\$ 188,984	\$ 120,181	\$ 334,932	\$ 28,165	\$ 16,145,958
1974	14,608,689	143,352	1,872,543	29,454	216,587	247,682	196,070	145,562	21,883	17,422,914
1975	19,990,207	133,588	1,837,245	14,609	24,397	310,967	215,046	695,063	25,517	23,217,421
1976	23,518,056	180,534	2,416,564	C	317,610	284,203	123,309	314,113	55,208	27,209,597

LANDS REVENUE — in years ending March 31

Year	Crown Land Sales	Crown Land +Rentals	Park +Rentals	Pits & Quarries Licences	Land Acquisition	Land Use Permits	Misc.	Total
1973	\$ 159,234	\$ 384,238	\$ 26,525	\$ 33,550	\$ 7,009	\$ 270,459	\$ 12,113	\$ 893,128
1974	1,334,071	369,970	25,488	58,850	14,415	268,625	12,301	2,083,720
1975	161,522	447,042	31,170	73,625	54,548	296,733	5,381	1,070,021
1976	223,013	546,844	48,597	94,900	39,163	348,108	137,918	1,438,543

*Heading changed from Crown Dues, March 31, 1976
+Leases and Licences of Occupation.

**Heading changed from Ground Rent, March 31, 1976.
C—— Refunds reported as Charges, April 1, 1975.

MINING REVENUE — in years ending March 31

Year	Licences and Permits	Services**	Mining Claims	Sale of Mining Lands	Rentals	Royalties	Taxes	Forfeitures	Laboratory Fees	Rec. of Prior Years Expenditure	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1966	94,760	45,472	493,227	3,129	253,330	367,184	15,093,996	....	125,472	....	16,476,570
1967	91,800	45,876	506,872	2,781	275,881	428,329	10,851,512	....	120,826	....	12,323,877
1968	77,682	55,844	580,918	11,929	643,733	412,329	16,334,342	....	130,279	....	18,247,056
1969	88,213	63,326	638,096	1,742	657,513	410,507	19,819,810	....	134,064	....	21,813,272
1970	76,884	65,060	700,055	—	707,070	433,642	24,541,463	1,268	129,856	....	26,655,298
1971	90,007	72,466	604,624	—	646,958	538,408	25,441,642	98,814	133,651	....	27,626,570
1972	119,896	51,714	399,156	908	573,951	792,223	13,965,745	5,285	140,500	15,663	16,065,041
1973	93,663	....	338,982	2,635	743,246	720,645	17,018,059	6,710	85,185	92,801	19,101,926
1974	77,530	....	334,526	1,938	858,567	744,462	46,962,605	6,710	107,716	106,554	49,200,608
1975	74,551	....	343,316	1,691	990,396	763,939	152,802,601	4,900	122,902	96,215	155,200,511
1976	88,204	....	347,669	1,517	750,291	836,305	63,081,453	4,350	119,866	180,242	65,409,177

PROVINCIAL PARKS REVENUE — in years ending March 31

Year	Vehicle Permits	Campsite Permits	Concessions Rental	Historical Sites Lics & Permits	St. Lawrence Lics & Permits	Federal Assistance	Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1966	901,300	863,704	95,082	.....	.....	.....	24,849	1,884,935
1967	1,024,315	935,513	105,670	.....	.....	.....	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	.....	.....	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	.....	.....	.....	95,986	2,413,613
1970	609,390	1,937,078	131,033	.....	.....	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	.....	.....	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	.....	.....	104,467	43,006	3,538,133
1973	708,726	3,265,999	234,632	106,181	1,289,360	*155,789	22,250	5,782,937
1974	759,614	3,605,009	227,827	123,498	1,445,316	.....	49,360	6,210,624
1975	693,184	3,743,651	416,110	154,060	1,495,828	*68,882	45,453	6,617,168
1976	726,536	3,997,858	543,654	C & R...	1,521,710	44,359	18,273	6,852,210

*Prior year expenditure.

** Included in Ministry totals from 1973.

FISH AND WILDLIFE REVENUE

— in years ending March 31

Year	Non-Res Angling	Res. P.P. Angling	Resident Angling	Other Fishing	Commercial Fishing	Royalty Fish	Non-Res Hunting	Resident Bear	Resident Deer	Resident Moose
1966	\$ 2,808,858	\$ 38,258	\$	\$ 23,292	\$ 99,982	\$ 975	\$ 1,478,195	\$ 2,917	\$ 533,179	\$ 422,535
1967	2,932,274	38,859	.....	28,020	108,092	724	1,859,144	4,066	546,667	436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679
1973	4,289,712	.....	44,156	53,132	90,218	.....	2,240,435	5,604	788,314	921,024
1974	4,494,915	.....	5,394	55,962	87,824	.....	2,752,935	6,790	797,826	1,134,734
1975	4,680,140	.....	.....	69,308	91,083	.....	2,582,421	7,298	806,438	1,189,524
1976	5,599,835	.....	.....	94,704	89,679	.....	2,004,314	8,023	827,601	1,170,402

Year	Resident Groundhog	Res (Gun) Hunting	Dog	Trappers	Fur Dealers	Royalty Game	Hunter Exam Fee	Pro Park Hunting	Misc	Total
1966	\$ 36,919	\$ 328,177	\$ 25,732	\$ 32,911	\$ 3,326	\$ 197,077	\$	\$ 25,176	\$ 95,792	\$ 6,153,301
1967	39,443	331,256	25,934	31,641	2,950	223,867	.....	27,764	109,254	6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622	11,649	31,320	**131,521	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626	68,901	31,955	53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364	73,707	29,909	53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154	73,372	33,624	f-313,168	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567	76,253	33,178	147,698	9,496,326
1973	73,186	921,030	21,889	39,727	2,345	.....	81,084	32,189	120,500	9,724,545
1974	67,286	970,532	17,979	45,900	2,230	..(T)..	95,991	31,384	166,718	10,734,400
1975	71,151	947,986	16,708	45,817	2,800	.....	106,614	32,859	117,519	10,767,657
1976	75,331	994,772	16,238	45,705	2,990	.....	113,247	34,295	79,201	11,156,337

* Resident Angling Licence discontinued January 1, 1971.

** Refund of prior year's licence fees.

*** Fines included to March 31, 1968: reported after that date by Department of Justice.

f- Includes federal share of loans to commercial fishermen.

(T) Included in Timber Revenue as of April 1, 1973.

OTHER CASH RECEIPTS — in years ending March 31

Year	Provincial Land Tax	Sale of Maps Publications etc.	Flying Fees	Fire Costs Recovered	Nursery Tree Sales	House Rentals
	\$	\$	\$	\$	\$	\$
1966	1,528,775	121,514	26,664	72,007	143,283	.....
1967	1,772,838	136,660	31,878	81,667	106,888	.....
1968	1,761,796	136,921	38,715	124,489	129,535	.....
1969	1,754,617	169,603	44,572	84,249	159,354	.....
1970	2,033,837	157,161	67,983	87,512	189,535	.....
1971	1,932,379	175,600	65,321	54,589	180,679	.....
1972	2,013,687	181,952	74,185	112,198	196,725	.....
1973	R	977,647	101,482	180,979	209,552	260,394
1974	.....	1,254,868	53,993	125,277	243,857	271,103
1975	.....	1,440,079	53,010	80,305	200,566	347,971
1976	.....	1,530,779	4,590	295,449	182,157	394,240

CONSERVATION AUTHORITIES BRANCH REVENUE

— in years ending March 31

Year	Reservoir & Rural Water Supply*	*Flood Control and Water Conservation Projects	Recovery of Prior Year's Expenditure	Total
	\$	\$	\$	\$
1973	226,476	630,054	322,251	1,178,781
1974	330,540	893,799	368,334	1,592,673
1975	501,690	375,339	488,156	1,365,185
1976	500,000	59,784	29,312	589,096

R— Reported by Ministry of Revenue from April 1, 1973.

*Includes reimbursement of expenditures.

OTHER CASH RECEIPTS — in years ending March 31

Sale of Land & Bldgs	Sale of Van & Eqpt	Agreements Outside Agencies	Fed- eral*	Water Power	Non-recurring Items and Misc	Total
\$	\$	\$	\$	\$	\$	\$
.....	.....	.....	.....	.....	.....	1,892,243
.....	.....	.....	.....	.....	.....	2,129,931
.....	.....	.....	.....	.....	.....	2,191,456
.....	.....	.....	.....	.....	.....	2,212,395
.....	.....	.....	.....	.....	.....	2,536,028
.....	.....	.....	.....	.....	.....	2,408,568
.....	.....	.....	.....	.....	.....	2,578,747
84,572	12,839	15,179	211,737	.....	280,207	2,334,588
21,802	366,613	13,341	14,549	.....	50,853	2,415,955
85,488	9,861	7,650	366,896	.....	319,556	2,911,382
25,757	146,579	19,778	127,598	12,747,346	274,748	15,749,021

FINANCE AND ADMINISTRATION DIVISION

INTERNAL AUDIT BRANCH*

Room W-4402, Main Office. Telephone (416) 965-4087

Branch Director	R.A. Groves	W-4402 . . 4087
Main Office		
Supervising Auditor	D.L. Lay	W-4402 . . 4088
Northeastern Audit Section		
875 Queen Street East		
Sault Ste. Marie, P6A 2B3		
Audit Manager	I.C. Livingstone	(705) 942-1418 (IC 842)
Northwestern Audit Section		
Box 5000		
Thunder Bay, P7C 5G6		
Audit Manager	D.A. Dooling	(807) 475-1211 (IC 844)
Southern Audit Section		
c/o District Office		
Maple, LOJ 1E0		
Audit Manager	G.C. Bragg	(416) 832-2261 Ext 281

*Established as Branch on September 1, 1976.

FINANCE AND ADMINISTRATION DIVISION

PERSONNEL BRANCH

Room W-1608, Main Office.

Telephone (416) 965-3825.

Branch Director	H. B. Farrant	W-1608 . . 3825
Manpower Section	M. K. Szulc	W-1504 . . 2707
Manpower Planning	C.H. Bennett	W-1514 . . 2707
Staffing	Miss N. Miller	W-1521 . . 2707
	Mrs. R. Kelly	W-1522 . . 2707
Staff Development	M. Cooper (acting)	W-1414 . . 6091
Jr. Ranger and Youth Programs	M.T. Campbell	W-1502 . . 1258
Compensation Section	J.A. Temple	W-1401 . . 6091
Personnel Records	Mrs. C. Mahon	W-1332 . . 3961
Classifications	Miss L. Flann (acting)	W-1322 . . 3961
Records	Mrs. D. Schroeder	W-1332 . . 3961
Employee Relations	A. Jackel	W-1608 . . 3825
Women's Co-ordinator	Mrs. E. Rhodes	W-1306 . . 3825

STAFF SUMMARY

Staff at March 31	1973	1974	1975	1976
Regular Staff	3,732	3,453	3,305	3,793
Probationary Staff	256	522	779	256
Unclassified Staff	1,349	1,192	1,910	2,309
Total Staff	5,337	5,167	5,994	6,358
Main Office Staff	1,788	1,551	1,285	1,453
Field Office Staff	3,549	3,616	4,709	4,905
New Employees	318	402	386	256
Deceased	6	9	11	15
Superannuated	64	71	80	74
Transferred	101	30	21	58
Resigned	143	197	206	134
Dismissed	6	3	1	0
Miscellaneous	13	12	25	0
Total Separations	333	322	344	281
Biologists	92	98	115	111
Economists	9	8	8	9
Engineers	22	22	24	35
Foresters	214	242	240	259
Geologists	48	53	58	56
Mining Engineers	23	30	32	31
Park Planners	17	16	23	26
Scientists	46	48	50	59
Miscellaneous	89	44	42	43
Professional Staff	560	561	592	629
Air Engineers	40	39	40	38
Cartographers	31	28	28	25
Communications Techs.	22	24	34	33
Construction Supts.	10	10	11	11
Draftsmen	60	63	77	70
Geologist Assistants	16	13	14	13
Insp. Mining Claims	7	10	6	6
Laboratory Techs.	34	32	34	28
Mechanics	61	59	54	52
Mines Rescue Trg Off.	9	9	9	9
Mining Recorders	11	9	31	30
Northern Affairs Officers	33	33	33	32
Pilots	41	41	37	36
Resource Managers	25	24	25	21
Resource Techs.	1,491	1,445	1,512	1,521
Safety Instruction Off	15	14	13	14
Scalers, licensed	989	857	876	872
Junior Rangers	2,082	1,493	1,618	1,618

FINANCE AND ADMINISTRATION DIVISION

INFORMATION BRANCH

Room W-5305, Main Office.

Telephone (416) 965-2756.

Branch Director	F. Moritsugu	W-5314A . 3315
Administration Co-ordinator	Mrs. E.H. Brown	W-5309 . . 1281
Information and Liaison Section	R.J. Keir, Spvr	W-5314B . 2756
News and Media Co-ordinator	G.E. Mulholland	W-5306 . . 2756
Field Liaison Officer	Mrs. M.F. Grant	W-5307A . 2756
Audio Visual and Films Section	L.P. Bondy, Spvr	W-5411 . . 1758
Special Projects Section	(vacant) . . . . .	. . . . .
Exhibits, CNE Grounds	D. Hendry . . . . .	. . . . . 2729
Wildlife Compound, Minesing	J.H. Scott, Curator	(705) 728-4382
Safety Programme Development Section . .	(vacant)	W-5405 . . 2735
Hunter Safety Training Co-ordinator . .	W.M. McKittrick	W-5404 . . 5663
Libraries		
Resources Library	Mrs. S. Louet	W-4508 . . 6310
Mines Reference Library	Mrs. N. Thurston	W-1603 . . 1352
Research Library, Maple	Mrs. P. Marks	(416) 832-2261-247

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS at Dec 31	STUDENTS GRADUATED		HUNTING ACCIDENTS		
		Yearly	To Date	Non-Fatal	Fatal	Total
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968	904	9,645	157,947	86	10	96
1969	1,142	12,957	170,904	116	13	129
1970	1,137	13,075	183,979	70	8	78
1971	1,162	15,601	199,580	68	14	82
1972	1,373	18,235	217,815	70	5	75
1973	1,350	23,522	241,337	81	13	94
1974	1,046	19,936	261,273	102	11	113
1975	1,005	25,900	287,173	85	7	92

*Training became mandatory for new hunters in 1960 and for new hunters under the age of 20 years in 1968. Additional details in annual statistical report of program.

FINANCE AND ADMINISTRATION DIVISION

ADMINISTRATIVE SERVICES BRANCH

Room W-5329, Main Office.

Telephone (416) 965-2711.

Branch Director	J.A. Queen	W-5329 . .	2711
Services Section	F.W. Love, Mgr.	W-5326 . .	4600
Office Management	H.L. Bembridge	W-5334 . .	5134
Public Service Centre	Miss M.I. Leuty	W-6404 . .	6511
Data Processing	R. Khan.	W-2637 . .	0116
General Enquiry (Nat. Resources)			
Whitney Block Information Booth . . .	Mrs. M. Eaton . . . . .	. . . . .	2000
Supply Section	R. Armstrong, Mgr	W-5321 . .	1601
Purchasing	(vacant)	W-5320 . .	1601
Central Supply	R.M. Toms	W-5320 . .	1601
Records & Forms Management Section . .	A.J. Lesser, Mgr	W-2506 . .	3822
Accommodations Section	(vacant)	W-5402 . .	4645

FINANCE AND ADMINISTRATION DIVISION

LEGAL SERVICES BRANCH *

Room W-6410, Main Office. Telephone (416) 965-2748.

Director	M.S. Smith	W-6410 . .	2748
Solicitors	W.E.D. Peters	W-6401 . .	2748
	W.J. Obelyncki	W-6402 . .	2748
	L.A. Low	W-6409 . .	2749
	D.G. Searle	W-6411 . .	2749
	B.G. Jones	W-6412 . .	2749
	G.L. Carsen . . . . .	. . . . .	2749

LEGISLATION

The Acts administered by the Ministry are grouped below by Divisions.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus the Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT provides for the establishment of a Geographic Names Board for Ontario having the duty to gather information respecting the names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names, and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-3, confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham, Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste. Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale,

*Legal Services Branch was transferred to the Ministry of the Attorney General on April 1, 1973, and seconded to the Ministry of Natural Resources on the same date.

lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the systems of surveys and the rules for surveyors. The Minister orders surveys made on his own volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-3 establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

THE MINING ACT with respect to: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for, and the production of, minerals and oil and natural gas; the staking and recording of mining claims; and the rights of licensees and lessees under the Act. An acreage tax is levied under this Act. (See under 'Division of Mines'.)

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licensees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE CANADA COMPANY'S LAND ACT, 1922, empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' land.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exportation (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides that, with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers.

Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

THE ALGONQUIN FORESTRY AUTHORITY ACT, 1974, establishes a corporation known as The Algonquin Forestry Authority to harvest Crown timber in Algonquin Provincial Park and public lands adjacent to the park, to sell the logs, and also to carry out such forestry, land management and other programs and projects as the Minister of Natural Resources authorizes.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of flora and fauna of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources; game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: — open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations. The Game and Fish Hearing Board was established under the Act on November 15, 1973.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act. They relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOAN ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF DAMAGE TO LIVESTOCK COMPENSATION ACT, 1972, provides for payment of compensation to the owners of livestock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management and for certain employees having the authority of the O.P.P. in a provincial

park. Advisory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environmental park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for building and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.00 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT was passed on March 26, 1959, to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act.

DIVISION OF MINES

THE MINING ACT with respect to the regulation of mining operations conducted within Ontario. (See under 'Division of Lands'.)

THE PITS AND QUARRIES CONTROL ACT, 1971, provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971, sets forth licensing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972, imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire regions set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire region) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, and industrial operation, clearing, etc., in or within 1000 feet of a forest or woodland. Areas

may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT provides for the control of outbreaks of forest tree insects and diseases on private lands.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with: the construction, repair and use of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

THE PARKS ASSISTANCE ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972, established as of April 1, 1972, the new Ministry of Natural Resources which included the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of Acts on which the departments previously depended for administrative authority. Effective November 1, 1973, the Act provides for the appointment of a Mining and Lands Commissioner.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966, established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain. The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. one Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the overflow of:—

(a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;

(b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.

(c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and

(d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943, ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952, confirms the partial diversion of the Seine River and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-3, provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-2, vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-1, adds the public lands in the Geographic Townships of Bruton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

THE MINERAL EMBLEM ACT, 1975, adopts the amethyst as the mineral emblem of the Province of Ontario.

POLICY CO-ORDINATION SECRETARIAT

Room W-6508, Main Office.

Telephone (416) 965-8422.

Director	Miss M. Mogford	W-6508 . . 8422
Secretary	Miss A. Emerson	W-6508 . . 8422
Outdoor Recreation Policy Officer	D.W. Simkin	W-6508 . . 6712
Resource Products Policy Officer	L. Lamothe	W-6508 . . 6371
Land and Waters Policy Officer	L. Douglas	W-6508 . . 6371
Special Projects Officers	G. Robinson	W-6508 . . 6371
	J. Kearns	W-6508 . . 6712

NORTHWESTERN REGION

G.A. McCormack	Regional Director	Box 5160, 808 Robertson St. Kenora,
F.L. Hall	Deputy Reg Director	Ont P9N 3X7
R.A. Riley	Deputy Reg Director	Phone (807) 468-3111
G.N. McGeachy	Admin Coord	G. Brown
K.J. Chambers	Biologist	G. Pyzer
R.V. Brady	Fire Mgt Officer	R. Murray
R.C. Beard	Geologist	R. Balkwill
L. Koskitalo	Geologist, Red Lake	G. Fenelon
P. Palonen	Geologist, Sioux Lookout	W. Buchan
		Forester
		Lands Co-ord
		Mines Engineer
		Parks & Rec Co-ord
		Eng Services Co-ord
		Mining Lands Admin

Dryden Fire Centre, S.O. Russell, Box 88 Dryden	Phone (807) 937-4489
Dryden Forest Station, R.R. Myland, Box 90 Wabigoon	Phone (807) 938-6326

KENORA DISTRICT

Box 5080, 808 Robertson St., Kenora	
Ont P9N 3X7	Phone (807) 468-9841
D.B. McGregor	District Manager
L. Bent	Administration
D. Philippi	Field Services
G.K. Winterton	Fish & Wildlife
W.H. Mills	Forests
T.J. Lunny	Lands
R.W. Paterick	Parks

FORT FRANCES DISTRICT

922 Scott Street, Fort Frances	
Ont P9A 1J4	Phone (807) 274-5337
D.J. D'Agostini	District Manager
B.Y. Katerick	Administration
S.E. Cameron	Field Services
E.J. Swift	Fish & Wildlife
W.D. McJannet	Forests
C.E. Horne	Lands
E.J. Swift	Parks

SIOUX LOOKOUT DISTRICT

Box 309, Sioux Lookout,	
Ont P0V 2T0	Phone (807) 737-1140
C.E. Perrie	District Manager
W.L. Bertrand	Administration
H.D. Morrison	Field Services
A.A. Martin	Fish & Wildlife
J.M. McIntyre	Forests
F.E. Brown	Lands & Parks

DRYDEN DISTRICT

Box 640, Ontario Govt Bldg, Dryden	
Ont P8N 2Z3	Phone (807) 223-3341
P. Endress	District Manager
J. Hamilton	Administration
A. MacDonald	Field Services
J. Williamson	Fish & Wildlife
A. Van Fraassen	Forests
D. Lindstrom	Lands & Parks

RED LAKE DISTRICT

Box 323, Highway 105, Red Lake,	
Ont P0V 2M0	Phone (807) 727-2531
E.W. Everley	District Manager
G.C. Carlson	Administration
.	Fish, Wildlife, Parks
G. Schultz	Forests
T. Campbell	Field Services,
E.R. Keast	Lands

IGNACE DISTRICT

Highway No 17, Ignace,	
Ont P0T 1T0	Phone (807) 934-2233
T.E. Dodds	District Manager
W.A. Brunton	Administration
P.R. Croskery	Fish & Wildlife
A.P. Matiece	Forests, Parks
J.D. Bond	Field Services,
P. Pincombe	Lands

NORTH CENTRAL REGION

R.A. Baxter	Regional Director	Box 5000, Ontario Government Building
L.M. Affleck	Deputy Reg Director	435 James St. South, Thunder Bay 'F'
W. Hendry	Deputy Reg Director	Ont P7E 6E3 Phone (807) 475-1261
J.D. Chadwick	Admin Coord 1221	
C.A. Elsey	Biologist 1231	
H. Redding	Fire Mgt Officer . . . 1241	
J.F. Flowers	Forester 1251	
D.A. Fawcett	Parks & Rec Coord 1281	K.G. Fenwick Geologist 1331
R.B. Adamson	Engineer 1301	M.J. Caron Mines Engineer. 1331
R. Monzon	Lands Coord 1321	R. Sarjeant Elec-Mech Eng. 1331

Dorion Trout Rearing Station, J.F. Atkinson	Phone (807) 857-2322
Regional Fire Centre, R. Kincaid	Phone (807) 475-1405
Thunder Bay Forest Station, A. Wynia	Phone (807) 577-6409

THUNDER BAY DISTRICT

Box 5000, Thunder Bay 'F'
 Ont P7E 6E3 Phone (807) 475-1511

J.E. Hamilton	District Manager
L.O. Keller	Administration
A.B. Johnson	Field Services
R.T. Thomson	Fish & Wildlife
R.G. Klein	Forests
T. Leveque	Parks & Rec
J.W. Suttie	Lands

GERALDTON DISTRICT

Box 640, Geraldton,
 Ont P0T 1M0. Phone (807) 854-1030

J.K. Cleaveley	District Manager
L.S. Morrow	Administration
W.E. Belisle.	Field Services
E.H. Stone	Fish & Wildlife
D. Jovic	Forests
A. Hoshino	Lands & Parks

ATIKOKAN

108 Saturn Avenue, Atikokan
 Ont P0T 1C0. Phone (807) 597-6971

M.P. Barker	District Manager
B.A. Prince	Administration
F. Dustak	Field Services
B.H. Gibson	Fish and Wildlife
A.G. Dougall	Forests
D.H. Elder	Lands & Parks

NIPIGON DISTRICT

Box 970, Nipigon
 Ont P0T 2J0 Phone (807) 887-2120

G.O. Koistinen	District Manager
M. Wilson	Administration
W.R. Doyon	Field Services
L. Townes	Fish & Wildlife
G. Marek	Forests
G.T. Bean	Lands & Parks

WHITE RIVER DISTRICT

Box 580, 608 Elgin St, White River
 Ont P0M 3G0 Phone (807) 822-2250

D. O'Grady	District Manager
D. Futhey.	Administration
K. Fuller	Field Services
R. Jerrard	Fish & Wildlife
W.P. Brook	Forests
G.H. Tabobundune	Lands & Parks

TERRACE BAY DISTRICT

Box 280, Terrace Bay,
 Ont P0T 2W0. Phone (807) 825-3205

L.J. Haas	District Manager
J. Hara	Administration
B.J. Lapenskie	Field Services
J.A. Chappel	Fish & Wildlife
R.D. Fry	Forests
T.B. Scott	Lands & Parks

Manitouwadge Work Centre
 Box 309, Manitouwadge
 Ont. P0T 2C0. Phone (807) 826-3225

R.D. Fry	Forests
--------------------	---------

NORTHERN REGION

J.R. Oatway	Regional Director	Box 3000, 140 Fourth Ave., Cochrane,
E. Markus	Deputy Reg Director	Ont P0L 1C0 Phone (705) 272-4287
L.H. Lingenfelter . .	Admin Coord	W.H. Forman Deputy Reg Director
M.F. McKenzie . . .	Biologist	60 Wilson Avenue, Timmins,
R.O. Brandes	Forester	Ont P4N 3W2 Phone (705) 267-1401
H.I. Mattson	Parks & Rec Co-ord	R. Elliott Fire Mgt Officer
4 Govt Rd E, Kirkland Lake,		W.O. Karvinen Geologist
Ont P2N 1A1	Phone (705) 567-5241	F.J. Wilson Lands Co-ord
H.L. Lovell	Res Geologist	R.F. Lockhart Mines Engineer
E. Craig	Mining Recorder	R. Barty Eng Services Co-ord
Swastika Forest Station, L.J. Forcier		Phone (705) 642-3255
Hill Lake Trout Rearing Station, P. Graf		Phone (705) 544-2834

COCHRANE DISTRICT

Box 730, 2 Third Ave, Cochrane,
Ont P0L 1C0 Phone (705) 272-4365

G.A. Wright	District Manager
G. Nantel	Administration
A.C. Hutchinson . . .	Field Services
W. Therriault	Fish & Wild & Parks
J. Starr	Forests
F. Wright	Lands

CHAPLEAU DISTRICT

34 Birch Street, Chapleau,
Ont POM 1K0 Phone (705) 864-1710

J.M. Small	District Manager
O.E. Crawford	Administration
J.R. Russell	Field Services
G.L. Penny	Fish & Wildlife
K.E. Cleary	Forests
W.E. MacPhail	Lands
G.W. Dingee	Parks

GOGAMA DISTRICT

Box 129, Gogama
Ont POM 1W0 Phone (705) 894-2000

C. Dionne	District Manager
V. Mathieu	Administration
R. Carriere	Field Services
C. Jessop	Fish & Wildlife
G.C. Oldford	Forests
D. Stewart	Lands & Parks

HEARST DISTRICT

Box 670, 605 Front St., Hearst
Ont P0L 1N0 Phone (705) 362-4346

C.E. Emblin	District Manager
W.C. Trowse	Administration
L.G. Woods	Field Services
S. St. Jules	Fish & Wildlife
T.R. Isherwood	Forests
M.J. Girouard	Lands & Parks

KAPUSKASING DISTRICT

6 Government Road, Kapuskasing,
Ont P5N 2W4. Phone (705) 335-6191

R.G. Lighheart	District Manager
R.W.E. Stone	Administration
M. Elliott	Field Services
M.R. Cusson	Fish & Wildlife
J.T. Rudolph	Forests
D. Miller	Lands & Parks

KIRKLAND LAKE DISTRICT

Box 129, Swastika,
Ont P0K 1T0. Phone (705) 642-3222

J.G. Minor	District Manager
J.S. Purvis	Administration
W.G. Taylor	Field Services
J.F. Gardner	Fish & Wildlife
B.I. Thompson	Forests
J.A. Colquhoun	Lands
W.B. Hill	Parks

TIMMINS DISTRICT

896 Riverside Drive, Timmins,
Ont P4N 3W2. Phone (705) 264-1262

A.F. Papineau	District Manager
G. Allick	Administration
D. Shewen	Field Services
W.A. Sinclair	Fish & Wildlife
D. Jefferson	Forests
C. Biggar	Lands & Parks

MOOSONEE DISTRICT

Box 190, Moosonee,
Ont P0L 1Y0. Phone (705) 336-2987

J.R. Bailey	District Manager
F. Buchan	Administration
G.F. McAuley	Field Services, Lands, Forests, Parks
R.J. Landry	Resource Development
J.P. Prevett	Biologist

NORTHEASTERN REGION

J.M. Hughes	Regional Director	Box 1900, 390 Bay St., Sault Ste Marie
D.J. Vance	Deputy Reg Director	Ont. P6A 5N9 Phone (705) 949-1780
J.C. Kindness	Admin Coord	
W.J. Straight	Biologist	R.M. Christie Deputy Reg Director
A.W. McClellan	Cons Auth Prg-Supr	174 Douglas St West, Sudbury,
H. Kresin	Engineer	Ont P3E 1G1 Phone (705) 673-1111
Dr. P.E. Giblin	Reg Geologist (942-1414)	J.L. Canfield Fire Mgt Officer
E.E. Multamaki	Lands Co-ord	W.C. Stevens Forester
J.H. Lever	Parks & Rec Coord	H. Judges Mines Engineer*
Mining Recorder	Phone 254-6884	B. Davey Elec Mech Eng*

*566-2210

Tarentorus Trout Rearing Station, D.V. Storms (S.S. Marie)	Phone (705) 253-8953
North Bay Trout Rearing Station, B.A. Marchant (North Bay)	Phone (705) 663-2282
Standfield Fish Hatchery, G. Clarke (Espanola)	Phone (705) 22-R-211

SAULT STE MARIE DISTRICT

Box 130, 69 Church St, S.S. Marie,
Ont P6A 5L2 Phone (705) 949-1231

J.H. Sellers	District Manager
H.J. Smith	Administration
C.E. Tregonning	Field Services
E.F. Mantle	Fish & Wildlife
F. Janser	Forests
I.J. Valentine	Lands
L. Davey	Parks

SUDBURY DISTRICT

Box 3500, Stn A, Sudbury
Ont P3A 4S2 Phone (705) 522-7823

D.E. McHale	District Manager
M.H. Jackson	Administration
W. Wetow	Field Services
J.M. Sheppard	Fish & Wildlife
D.R. Potvin	Forests
M.A. Groneng	Lands
K.H. Moore	Parks

NORTH BAY DISTRICT

Box 3070, North Bay,
Ont P1B 8K7 Phone (705) 474-5550

E. Rogers	District Manager
G.E. Lacelle	Administration
H.N. Whalen	Field Services
M.R. Wolfe	Fish & Wildlife
D.E. Honeyborne	Forests
R.V. Coulombe	Lands
H.J. Edmundson	Parks

BLIND RIVER DISTRICT

Box 190, 62 Queen St, Blind River,
Ont P0R 1B0 Phone (705) 356-2234

D. Hagar	District Manager
F. McWhinnie	Administration
W.J. Davis	Field Services
S. Woodside	Fish & Wildlife
C.F. Husk	Forests
R. Wood	Lands
G.W. Connell	Parks

WAWA DISTRICT

Box 1160, Wawa,
Ont P0S 1K0 Phone (705) 856-2396

R.P. Alton	District Manager
Mrs. J.M. Kern	Administration
A.J. Bull	Field Serv & Parks
H. Orr	Fish & Wildlife
C.K. Sumi	Forests
V. Uhler	Lands

ESPANOLA DISTRICT

Box 1340, Espanola,
Ont P0P 1C0 Phone (705) 869-1330

E.N. Arbuckle	District Manager
B. Phillips	Administration
P. King	Field Serv & Parks
D. Hughson	Fish & Wildlife
J. Christian	Forests
M. Smith	Lands

TEMAGAMI DISTRICT

Box 38, Temagami,
Ont P0H 2H0 Phone (705) 569-3622

J.E. Rumney	District Manager
W.W. Hicks	Administration

H.G. Smith	Field Services
T.W. Dolhy	Forests
R.B. Sinclair	Lands & Parks
J.K. Young	Fish & Wildlife

ALGONQUIN REGION

J.S. Ball	Regional Director	Box 9000, Brendale Square, Huntsville	
E.G. Wilson	Deputy Reg Director	Ont P0A 1K0	Phone (705) 789-9611
A.E. Walroth	Deputy Reg Director		
J. Carswell	Admin Coord	H.J. Henry	Forester
C.W. Douglas	Biologist	J.R. Trusler	Geologist
A.P. Stephen	Engineer	J.K. Barker	Lands Co-ord
B. Petman	Fire Mgt Officer	J.A. van der Meer	Parks & Rec Co-ord
The Leslie M. Frost Natural Resources Centre, G.A. Hamilton		Phone (705) 766-2451	
Pembroke Trout Rearing Station, W.T. Marston		Phone (613) 687-5935	
Skeleton Lake Fish Hatchery, M.E. Beathune		Phone (705) 769-3731	

PARRY SOUND DISTRICT

4 Miller Street, Parry Sound,	
Ont P2A 1S8	Phone (705) 746-2141
W.R. Peck	District Manager
G.F. Walter	Administration
C.R. Mumford	Field Services
J.A. Macfie	Fish & Wildlife
G.C. Felton	Forests
J.A. Shalla	Parks
L.A. Connelly	Lands

ALGONQUIN PARK DISTRICT

Box 219, Whitney,	
Ont K0J 2M0	Phone (705) 637-2780
J.A. Simpson	Park Supt, District Man.
J.E. Growse	Administration
H.J. Rietveld	Fish & Wildlife
D.F. George	Forests
J.R. Elliott	Lands
J.T. Griffin	Alg Park Operations

BRACEBRIDGE DISTRICT

Box 1138, Bracebridge,	
Ont P0B 1C0	Phone (705) 645-5244
R.W. Tippet	District Manager
J.A. Baird	Administration
J.T. Matthews	Field Services
M.L. Wilton	Fish & Wildlife
R.W. Taylor	Forests
J.S. Booker	Lands
R.G. Ellis	Parks

BANCROFT DISTRICT

Box 500, Bancroft,	
Ont K0L 1C0	Phone (613) 332-3940
O. Goodman	District Manager
H.E. Vance	Administration
M.F. Rush	Field Services
B. Collins	Fish & Wildlife
F.J. Walker	Forests
D.W. McLennan	Parks
O. Fleming	Lands

PEMBROKE DISTRICT

Box 220, Riverside Drive, Pembroke,	
Ont K8A 6X4	Phone (613) 732-3661
L.L. Bronson	District Manager
A.H. Plummer	Administration
R.N. Cousineau	Field Services
A.E. Armstrong	Fish & Wildlife
W.W. Wahl	Forests
E.N. McKenzie	Lands & Parks

MINDEN DISTRICT

Minden,	
Ont K0M 2K0	Phone (705) 286-1521
D.D. White	District Manager
R.E. Raby	Administration
G.M. Samells	Field Services
S.J. Toole	Fish & Wildlife
B.G. Cross	Forests
J.E. Dewey	Lands & Parks

EASTERN REGION

T.W. Hueston . . .	Regional Director	Provincial Government Building, South Boundary Road, Kemptville, Ont K0G 1J0	Phone (613) 258-3413
D.E. Gage	Deputy Reg Director		
S.R. Hamilton . . .	Deputy Reg Director		
A.R. Taylor	Admin Coord		
G.R. Whitney	Biologist	W.G. Maslen	Lands Co-ord
D.J. Murray	Cons Auth Prg-Supr	J.G. Bell	Parks & Rec. Co-ord
J.R. Stork	Engineer	Dr. M.A. Klugman .	Mines Co-ord
P.E. Anslow	Forester	J.W. Lloyd	Field Services Co-ord

Codrington Fish Hatchery and Bird Farm, A.H. Draves.	Phone (613) 475-2512
White Lake Fish Hatchery, K. Steele	Phone (613) 335-2115
Westport Fish Hatchery, J.D. McNee	Phone (613) 273-2106
G. Howard Ferguson Forest Station, H.H. deVries	Phone (613) 258-3413

TWEED DISTRICT

Metcalfe Street, Tweed,
Ont K0K 3J0 Phone (613) 478-2330

W. Vonk	District Manager
G.J. O'Hearn	Administration
W.F. Caverley	Field Serv & Lands
D.G. Atkinson	Fish & Wildlife
W.M. Fasken	Forests
W.J. Miller	Parks

LANARK DISTRICT

Box 239, Lanark,
Ont K0G 1K0 Phone (613) 259-2108

J.R. Bailey	District Manager
G.N. Hill	Administration
H.K. von Rosen . . .	Fish & Wildlife
E.L. Borczon	Forests
D.G. Kennedy	Field Services, Lands
K.J. Schonauer . . .	Parks

OTTAWA DISTRICT

Ramsayville
Ont K0A 2Y0 Phone (613) 822-2525

W.D. Adlam	District Manager
R.G. McCue	Administration
G.M. Tupling	Fish & Wildlife
M. Schaefer	Forests
L.J. Munro	Field Services, Lands
G.A. Gowdy	Parks

NAPANEE DISTRICT

Postal Bag 3040, Highway 41, Napanee,
Ont K7R 3M8 Phone (613) 354-2173

R.G. Bailey	District Manager
R.A. Armstrong . . .	Administration
W.A. Perrin	Forests, Field Services
R.G. Baldwin	Fish & Wildlife
P.O. Shintani	Lands
J.C. Matheson	Parks

BROCKVILLE DISTRICT

101 Water St. West, Brockville
Ont K6V 5Y8 Phone (613) 342-8524

R.H. Trotter	District Manager
D.G. Gilmer	Administration
G.E. Raine	Fish & Wildlife
A.J. Campbell	Forests
R.A. Lessard	Field Services & Lands & Parks

CORNWALL DISTRICT

Box 1749, 40 Fifth St West, Cornwall,
Ont K6H 5V7 Phone (613) 933-1774

J.R. Morin	District Manager
W.J. Humphrys . . .	Administration
W.R. Lannin	Fish & Wildlife
B.W. Warwick	Forests
R.J. Cleroux	Field Services, Parks
R.A. Pleau	Lands

CENTRAL REGION

R.M. Dixon	Regional Director .	295
A.D. Latornell . .	Dep Reg Director .	297
G.P. Elliott	Dep Reg Director .	291
H. Tjoelker	Admin Coord	208
J.B. Dawson	Biologist	282
J.S. Anderson . . .	Cons Auth Co-ord .	205
R.N. Staley	Forester	289

10,670 Yonge Street, Richmond Hill,
Ont L4C 3C9 . . . Phone (416) 884-9203

L.C. Thompson . .	Geol, Mines Engr	232
M.G. Lewis	Service Engineer .	216
H.J. Featherston . .	Parks-Rec Co-ord	299
J.F. Gosnell	Lands Co-ord . . .	234

Midhurst Forest Station, Midhurst, C.R. Groves	Phone (705) 728-6599
Orono Forest Station, Orono, W.R. Bunting	Phone (416) 983-9147
Ontario Tree Seed Plant, Angus, R.B. Latimer	Phone (705) 424-5311
Deer Lake Fish Hatchery, R.R. 1, Havelock G. Cation	Phone (705) 778-3391

MAPLE DISTRICT

Maple, Ont L0J 1E0 .	Phone (416) 832-2261
I.B. Earl	District Manager. . . 203
W.B. Pottelberg . .	Administration . . . 300
D.M. Hogg	Fish & Wildlife . . . 211
W.M. Mitchell . . .	Lands 208
H. Pronk	Parks 240
S. Kim	Forests, Fld Serv . . 224
R.N. Kervin	Mineral Resources . 210

LINDSAY DISTRICT

322 Kent St West, Lindsay, Ont K9V 2Z9 . . .	Phone (705) 324-6121
C.R. Gray	District Manager
A.V. Kaufman . . .	Administration
R.W. Beecher . . .	Fish & Wildlife
R.A. Lockhart . . .	Forests, Fld Serv
M.L. Dick	Lands, Mineral Res.
W.P. Barber	Parks

HURONIA DISTRICT

Midhurst, Ont LOL 1X0 . . .	Phone (705) 728-2900
D.W. Schafer	District Manager
W.B. Bowles	Administration
L.W. O'Dell	Field Services
A.J. Stewart	Fish & Wildlife
M.R. Innes	Forests
D.R. MacArthur . .	Lands
L.L. Powell	Parks

CAMBRIDGE DISTRICT

Beaverdale Road, Cambridge Ont N3C 2V3 . . .	Phone (519) 658-9355
W.R. Catton	District Manager
B.J. DeGunst	Administration
J.R. Winters	Lands Coord
H.D. Howell	Fish & Wildlife
R.C.A. Gilbert . . .	Forests, Field Serv
K.E. Green	Parks
W.D. Scott	Mineral Resources

NIAGARA DISTRICT

Box 1070, Highway No. 20, Fonthill, Ont LOS 1E0 . . .	Phone (416) 892-2656
J.E. Dickenson . . .	District Manager
Mrs. J.T. Mace . . .	Administration
E.A. Kraker	Forests, Fld Serv
R.D. Townsend . . .	Fish & Wildlife & Parks
L.C. Selby	Lands
D.A. Routly	Mineral Resources

SOUTHWESTERN REGION

W.H. Charlton	Regional Director	1106 Dearness Drive, London,
J.M. Halpenny	Deputy Reg Director	Ont N6E 1N9. . . . Phone (519) 681-5350
A.S. Holder	Deputy Reg Director	
V.H. Crocker	Admin Coord	
T.S. Millard	Biologist	R.G. Bryant Geologist
D.M. Wood	Cons Auth Prg-Supr	H.R. Davis Mines Co-ord
P.H. Crook	Engineer	J.A. Fingland Lands Co-ord
E.P. Johnston	Forester	A.M. Harjula Parks & Rec Co-ord

Chatsworth Trout Rearing Station, P.H. Hartman	Phone (519) 794-2340
Wiarton Fish Hatchery, C. Core	Phone (519) 534-0770
Normandale Trout Rearing Station, W.A. Hooper	Phone (519) 426-3142
St. Williams Forest Station, R.E. Laupert	Phone (519) 586-3576
Petroleum Resources Lab, London, R.B. Hutt	Phone (519) 433-8431

CHATHAM DISTRICT

Box 1168, 435 Grand Ave West, Chatham,
Ont N7M 5L8 . Phone (519) 354-7340

D.R. Fortner	District Manager
H. Lehmann	Administration
G.T. Greenwood . . .	Fish & Wildlife
K. Yaraskavitch . . .	Forests
P.A. Strassburger . . .	Parks
H.W. Rowe	Lands

SIMCOE DISTRICT

645 Norfolk Street North, Simcoe
Ont. N3Y 3R2 . Phone (519) 426-7650

R.B. McGee	District Manager
G.N. Sanderson . . .	Administration
H.J. Manson	Fish & Wildlife
D.A. Scott	Forests
T.L. Beck	Parks
W.L. Edwards	Lands, Field Services

OWEN SOUND DISTRICT

611 Ninth Ave East, Owen Sound,
Ont N4K 3E4 . Phone (519) 376-3860

W.J. Lovering	District Manager
M. Gobeil	Administration
S.A. Munroe	Fish & Wildlife
V.W. Fisk	Forests
R.J. Manley	Lands
P.H. Baxter	Parks
E.G. Walker	Field Services

WINGHAM DISTRICT

R.R. 5, Wingham
Ont N0G 2W0 . Phone (519) 357-3131

W.D. Mansell	District Manager
B.G. Griffin	Administration
H.W. Clark	Fish, Wildlife, Parks
R.H. Jones	Biologist
H.R. Lancaster . . .	Forests & Lands & Field Services
M.L. Smith	Forester

AYLMER DISTRICT

Box 40, 353 Talbot St West, Aylmer,
Ont N5H 2S8 . Phone (519) 773-9241

P.R. Davidson	District Manager
D.N. Stephens	Administration
G.R. Austin	Fish & Wildlife
J.D. Nolan	Forests, Field Serv.
D.G. Ward	Lands, Parks



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Statistics 1977



Ministry of
Natural
Resources





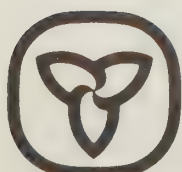
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Statistics 1977

A statistical supplement to the Annual
Report of the Minister of Natural Resources
for the year ending March 31, 1977

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Ontario

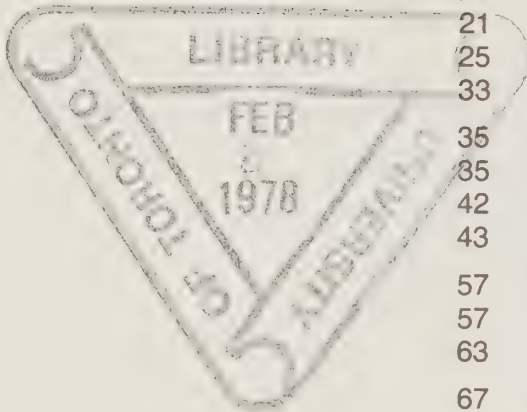
Ministry of
Natural
Resources

Hon. Frank S. Miller
Minister

Dr. J. K. Reynolds
Deputy Minister

Statistical Reports

Prepared by Branches



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MINISTRY OF NATURAL RESOURCES *

Hon. Frank S. Miller	Minister of Natural Resources.
Dr. J. K. Reynolds	Deputy Minister.
L. Ringham	Assistant Deputy Minister, Northern Ontario. ** Northwestern Region North Central Region Northern Region Northeastern Region
W. T. Foster	Assistant Deputy Minister, Southern Ontario. Algonquin Region Eastern Region Central Region Southwestern Region
A. J. Herridge	Assistant Deputy Minister, Resources and Recreation Division of Forests Division of Mines Division of Fish and Wildlife Division of Parks.
(vacant)	Assistant Deputy Minister, Lands and Waters. Division of Lands Field Services Division Conservation Authorities Branch.

MINISTERIAL AGENCIES

G. H. Ferguson, Q.C.	Mining and Lands Commissioner.
D. R. Wilson	General Manager, Niagara Parks Commission
R. F. Harrison	General Manager, St. Clair Parkway Commission.
I. D. Bird	General Manager, Algonquin Forest Authority.
J. R. Sloan	General Manager, St. Lawrence Parks Commission.

*Main Office in Whitney Block, Parliament Buildings, Toronto, Ontario M7A 1W3.

**Box 5000, 435 James St. South, Thunder Bay 'F', Ontario P7C 5G6.

MINISTRY REGIONS AND DISTRICTS

—Areas in Square Miles*

NORTHWESTERN REGION

Dryden	4,618	
Fort Frances	4,188	
Ignace	4,426	
Kenora	5,478	
Red Lake	24,751	
Sioux Lookout	43,281	86,742
Pt. Rainy Lake	472	
Pt. Lake of the Woods	937	1,409
Total, Region		88,151

NORTHERN REGION

Chapleau	9,113	
Cochrane	11,859	
Gogama	2,993	
Hearst	9,747	
Kapuskasing	8,195	
Kirkland Lake	5,140	
Moosonee	83,298	
Timmins	3,050	133,395
Pt. Lake Abitibi	305	305
Total, Region		133,700

ALGONQUIN REGION

Algonquin Park ...	3,620	
Parry Sound	2,775	
Bancroft	1,683	
Bracebridge	2,492	
Minden	1,832	
Pembroke	2,821	15,223
Pt. Georgian Bay	1,496	1,496
Total, Region		16,719

SOUTHWESTERN REGION

Aylmer	2,599	
Chatham	2,853	
Owen Sound	3,018	
Simcoe	1,088	
Wingham	2,660	12,218
Pt. Lake Huron and Lake Erie	11,950	
Pt. Lake St. Clair	260	12,210
Total, Region		24,428

NORTH CENTRAL REGION

Atikokan	4,361	
Geraldton	43,546	
Nipigon	9,874	
Terrace Bay	4,893	
Thunder Bay	10,995	
White River	2,877	76,546
Lake Nipigon	1,933	
Pt. Lake Superior	7,363	9,296
Total, Region		85,842

NORTHEASTERN REGION

Blind River	3,674	
Espanola	3,677	
North Bay	4,119	
Sault Ste Marie ...	3,055	
Sudbury	4,913	
Temagami	2,647	
Wawa	5,824	27,909
Pt. Lake Huron and Lake Superior	8,589	
Lake Nipissing	315	
Lake Wahnapiatae	56	8,960
Total, Region		36,869

EASTERN REGION

Brockville	1,350	
Cornwall	2,160	
Lanark	1,274	
Napanee	2,524	
Ottawa	1,149	
Tweed	2,504	10,961
Pt. Lake Ontario	1,673	1,673
Total, Region		12,634

CENTRAL REGION

Cambridge	2,757	
Huronia	2,529	
Lindsay	2,647	
Maple	1,858	
Niagara	1,031	10,822
Pt. Lake Ontario and Lake Erie	3,131	
Lake Simcoe	286	3,417
Total, Region		14,239

TOTALS

49 Districts	373,816
12 Lakes	38,766
Area of Ontario	412,582

*December 12, 1973,
Surveys and Mapping Branch

DIVISION OF FORESTS

Room W-3610, Main Office.

Telephone (416) 965-3040.

Executive Director	(vacant)	W-3610 3040
Administration	L. P. Comeau	W-3607 2731
Program Analyst	F. E. Waghorne	W-3616 2785

FOREST MANAGEMENT BRANCH

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Planting Stock	K. H. Reese	W-3623A .. 2575
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Silvicultural Assessment	M. Chaudhry	W-3615A .. 2785
Agreement Administration	A. H. Cooper	W-3630 2785
Pest Control Section	J. R. Carrow	W-3618 2785
Audit Co-ordinator	D. Holder	W-3631 2785

FOREST TREE PRODUCTION BY MINISTRY NURSERIES

Years	No. of Trees	Years	No. of Trees	Years	No. of Trees
1905-12	1,480,539	1954	24,448,860	1967	51,712,461
1912-25	13,096,866	1955	25,519,383	1968	54,805,170
1925-30	46,642,175	1956	28,351,483	1969	52,157,150
1930-35	51,996,837	1967	31,081,112	1970	62,623,496
1935-40	67,900,012	1958	25,854,262	1971	68,182,719
1940-45	57,617,763	1959	33,414,110	1972	76,597,391
1946	13,175,575	1960	41,682,125	1973	68,161,038
1947	12,269,533	1961	49,833,412	1974	65,362,395
1948	13,049,776	1962	43,194,863	1975	45,981,122
1949	17,700,970	1963	43,767,916	1976	50,944,733
1950	19,027,807	1964	43,922,685	1977	45,981,122
1950-52	20,749,268	1965	49,484,068		
1953	24,241,754	1966	49,019,854	Total	1,503,845,134

USE OF NURSERY STOCK — in year ending March 31, 1977

Tree Species	Private Land	Crown Lands and Agreement Forests	Education or Science	Total
White Spruce	1,487,068	12,206,071	80,550	13,773,689
Jack Pine	39,552	9,623,522	2,548	9,665,622
Red Pine	2,243,140	6,335,250	135,434	8,713,824
Black Spruce	181,425	5,335,489	32,100	5,549,014
White Pine	983,098	2,324,648	96,369	3,404,115
White Cedar	630,101	344,490	19,359	993,950
Silver Maple	341,480	291,358	15,959	648,797
Scotch Pine	523,000	7,020	4,100	534,120
Carolina Poplar	283,189	128,474	14,825	426,488
Red Oak	225,238	124,333	16,628	366,199
Yellow Birch	625	357,000	1,000	356,625
Norway Spruce	252,613	64,036	7,900	324,549
Black Walnut	172,602	139,337	11,425	323,364
Black Locust	109,402	41,900	4,275	155,577
European Larch	20,075	103,720	750	124,545
Hemlock	16,357	98,304	500	115,161
Hybrid Poplar	8,525	41,925	2,925	53,375
White Ash	14,585	25,682	2,964	43,231
Cottonwood	1,075	10,300	1,000	12,375
Tamarack .....	...	110	...	110
Other Species	114,576	265,246	14,570	394,392
Total	7,647,726*	37,868,215**	465,181	45,981,122

*Excluding W.I.A.

**Including 7,384,925 W.I.A.

TREES SUPPLIED FOR PLANTING ON PRIVATE LANDS —

in years ending March 31

County or District	1973	1974	1975	1976	1977
Algoma	127,200	118,600	180,905	196,242	161,077
Brant	271,912	216,270	309,792	229,475	55,350
Bruce	291,375	136,883	148,850	149,225	256,350
Cochrane	6,500	15,750	1,400	2,225	245,675
Dufferin	696,131	266,875	342,780	221,422	253,185
Dundas	142,825	4,314	44,451	66,642	56,750
Durham**	497,565	293,985	225,480	179,450	103,150
Elgin	471,965	152,384	104,600	183,272	113,900
Essex	145,639	113,050	117,075	124,025	101,085
Frontenac	268,900	61,800	184,550	87,500	109,525
Glengarry	370,525	1,600	145,495	85,750	100,483
Grey	1,121,355	439,648	398,150	453,772	436,245
Haldimand	62,775	61,020	138,900	356,792	236,315
Haliburton	186,675	44,600	70,450	26,775	38,725
Halton	311,385	247,065	291,125	193,550	132,625
Hastings	526,350	157,025	151,875	142,750	155,450
Huron	374,275	169,689	254,145	214,540	171,067
Kenora	272,250	244,250	275,950	137,550	89,050
Kent	118,700	143,650	172,100	86,900	63,175
Lambton	161,960	121,225	149,200	125,900	95,125
Lanark	623,475	79,450	114,255	134,825	56,425
Leeds & Grenville	273,910	225,740	195,470	165,565	261,545
Lennox & Addington ...	134,025	118,750	102,100	92,600	59,275
Manitoulin	3,400	....	13,100	3,900	8,200
Middlesex	576,907	432,093	336,408	300,945	205,005
Muskoka	106,775	79,925	85,775	31,100	46,900
Niagara	219,202	280,710	303,175	221,724	251,840
Nipissing	78,825	159,350	43,030	34,645	51,350
Norfolk	236,830	293,455	184,061	181	....
Northumberland**	429,930	131,677	145,141	189,675	177,620
Ontario**	372,225	316,625	209,875	175,160	167,750
Ottawa-Carleton	649,371	148,880	224,257	173,958	158,442
Oxford	294,850	220,205	269,700	242,012	150,564
Parry Sound	286,750	149,000	137,075	81,350	94,500
Peel	427,575	466,382	354,980	339,621	294,448
Perth	240,000	141,490	116,382	159,350	79,425
Peterborough	552,150	144,903	126,569	102,011	113,507
Prescott	124,425	600	80,675	85,275	58,100
Prince Edward	87,350	33,000	48,800	43,561	56,675
Rainy River	310,750	44,180	36,900	84,075	72,550
Renfrew	647,300	150,825	372,450	248,275	236,275
Russell	176,985	7,257	89,150	79,575	81,550
Simcoe	1,250,260	980,617	697,295	686,825	517,491

**Totals do not reflect formation of the Regional Municipality of Durham.

County or District	1973	1974	1975	1976	1977
Stormont	187,650	426,550	27,945	26,100	32,410
Sudbury	214,275	265,000	122,050	237,150	156,800
Thunder Bay	335,448	248,570	181,525	118,776	113,700
Timiskaming	16,175	15,900	35,150	35,900	8,000
Victoria	215,775	69,965	89,305	49,121	121,131
Waterloo	267,925	194,425	174,025	115,725	95,625
Wellington	690,664	568,610	511,508	448,072	302,590
Wentworth	490,299	364,284	349,490	218,540	195,050
York	448,670	430,429	401,630	404,075	448,686
Total	17,907,113	*10,201,430	*9,886,524	*8,593,424	7,647,726*

*Excluding W.I.A.

FOREST AREAS MANAGED BY THE MINISTER — in Acres at March 31, 1977

Agreement Holders	Date of Agreement	Added 1976-7	Released 1976-7	Total
GOVERNMENT OF CANADA				
National Capital Commission	Aug 16, 1961	...	...	3,532.00
24 CONSERVATION AUTHORITIES				
Ausable Bayfield	Dec 13, 1951	...	...	4,299.00
Cataraqui Region	Dec 1, 1971	...	...	844.00
Catfish Creek	Dec 19, 1962	...	...	501.00
Central Lake Ontario	Sep 24, 1963	...	...	194.13
Crowe Valley	Aug 21, 1963	...	...	200.00
Ganaraska	Jan 31, 1947	...	...	8,543.69
Grand River	Mar 18, 1952	...	...	5,839.87
Hamilton Region	Oct 19, 1962	...	...	12.50
Lakehead Region	May 15, 1958	...	...	1,244.20
Long Point Region	Dec 2, 1954	...	...	6,131.80
Lower Thames Valley	Aug 12, 1964	...	...	300.00
Maitland Valley	Apr 1, 1955	...	...	849.00
Metropolitan Toronto & Region	Apr 11, 1951	...	...	1,928.00
Moira River	Nov 28, 1951	...	...	17,302.00
Napanee Region	Oct 28, 1954	...	...	6,666.00
Niagara Peninsula	Jun 6, 1963	...	...	186.00
North Grey Region	Jun 25, 1958	...	...	7,255.00
Otonabee Region	May 15, 1963	280.00	...	3,003.00
Raisin Region	May 15, 1971	...	...	340.00
Sauble Valley	Sep 29, 1959	...	...	3,816.00
Saugeen Valley	Dec 15, 1952	...	...	14,067.97
South Nation River	Mar 28, 1960	49.00	...	6,701.58
St. Clair Region	Jul 13, 1965	...	...	150.00
Upper Thames River	Apr 11, 1951	...	...	3,443.32
Sub-Total		329.00	...	93,818.06

Agreement Holder	Date of Agreement	Added 1976-7	Released 1976-7	Total
10 TOWNSHIPS				
Bonfield	Apr 1, 1952	...	...	60.00
Charlottenburgh	Apr 1, 1955	...	...	175.00
Cramahe	Jan 4, 1964	...	...	162.00
Cumberland	May 29, 1952	...	...	808.44
Darlington	Aug 19, 1964	...	...	140.00
Galway & Cavendish	Nov 1, 1952	...	...	619.00
Machar	Dec 30, 1963	...	...	90.00
Mosa	Jul 16, 1964	...	...	144.00
Torbolton	Mar 28, 1953	...	...	430.80
Williamsburg	Oct 19, 1962	...	...	400.00
Sub-Total .....		...	...	3,029.24
19 COUNTIES				
Brant	Nov 15, 1952	...	...	50.00
Bruce	Jan 20, 1950	...	...	15,433.35
Dufferin	Nov 26, 1930	...	...	2,505.00
Grey	Dec 21, 1937	...	...	8,178.08
Huron	Nov 27, 1950	...	...	1,589.00
Kent	Dec 23, 1953	...	...	75.39
Lanark	Jul 5, 1940	...	...	8,028.00
Leeds & Grenville	Apr 24, 1940	...	...	13,344.00
Lennox & Addington	Apr 3, 1952	...	...	1,181.00
Middlesex	Mar 8, 1954	...	...	1,943.00
Northumberland	Jun 10, 1924	...	...	5,102.34
Oxford	Sep 1, 1950	...	...	848.56
Peterborough	Jun 10, 1924	...	...	200.00
Prescott & Russell	Mar 15, 1937	...	...	26,041.93
Renfrew	Dec 26, 1951	201.00	...	15,544.01
Simcoe	Jun 19, 1952	100.00	...	27,820.59
Stormont, Dundas & Glengarry ...	Sep 20, 1949	160.20	...	6,445.88
Victoria	Aug 10, 1928	...	...	8,617.43
Wellington	Jun 18, 1964	...	...	1,100.00
Sub-Total		461.20	...	144,047.56
6 REGIONAL MUNICIPALITIES				
Durham	Jul 9, 1930	...	...	2,647.30
Halton	Mar 14, 1950	...	...	1,498.63
Hamilton-Wentworth	Nov 27, 1952	...	...	980.95
Ottawa-Carleton	Jul 30, 1964	4,240.00	...	8,330.00
Waterloo	Apr 17, 1950	...	...	718.70
York	Mar 27, 1924	...	...	4,888.45
Sub-Total		4,240.00	...	19,064.03
TOTAL, 60 Managed Forest Areas		5,030.20	...	263,490.89

REGENERATION AND TENDING — Areas in acres in year ending March 31, 1977

Treatment	Crown Lands	Agreement Forest	WIA*	Sub- Total	Other Patent Lands	Total
REGENERATION						
Nursery stock						
planted	41,687	1,837	10,358	53,882	5,830	59,712
Container stock						
planted	4,955	—	—	4,955	—	4,955
Seeding	66,814	—	—	66,814	—	66,814
Modified harvest cut .	27,426	204	—	27,630	—	27,630
Scarification	8,002	112	—	8,114	—	8,114
Seed trees	10,147	—	—	10,147	—	10,147
Sub-Total	159,031	2,153	10,358	171,542	5,830	177,372
TENDING						
Hand cleaning	11,308	2,036	1,392	14,736	—	14,736
Herbicide spraying ...	24,661	670	714	26,045	—	26,045
Improvement Cuts** .	34,218	5,149	9,696	49,063	651	49,714
Pruning	928	1,184	431	2,543	—	2,543
Fertilization, drainage	283	1,101	279	1,663	—	1,663
Sub-Total	71,398	10,140	12,512	94,050	651	94,701
TOTAL, Area Treated	230,429	12,293	22,870	265,592	6,481	272,073
SITE PREPARATION***	85,730	539	2,375	88,644	—	88,644
TREE MARKING	114,338	6,893	13,302	134,533	7,622	142,155

CLASSIFICATION OF CUTOVER — Areas in acres in year ending March 31, 1977

CUTTING METHOD ON CROWN LAND AND PATENT LAND	Regeneration Required	Satisfactory Natural Regeneration	Regeneration Not Required	Total
Clear Cut	224,362	57,761	—	282,123
Selection Cut	—	44,521	—	44,521
Partial Cut	—	—	60,622	60,622
TOTAL	224,362	102,282	60,622	#387,266

*Agreements under The Woodlands Improvement Act.

**Includes girdling, frilling and poisoning.

***Preparation for seeding, planting or modified harvest cutting.

#The relatively low total reflects affects of strikes on forest industries.

CROWN LANDS TREATED — Areas in acres in years ending March 31

Silvicultural Operations	1973	1974	1975	1976	1977
REGENERATION					
Site prep for nat regeneration	10,014	9,126	11,314	11,862	8,002
Modified harvest system	37,234	20,984	19,906	23,725	27,426
Seed tree system	5,480	11,173	11,519	3,781	10,147
Planting	75,477	65,241	61,305	56,398	46,642
Direct Seeding	21,749	25,094	59,869	58,095	66,814
Sub-Total	150,044	131,618	163,913	153,861	159,031
TENDING					
Hand cleaning	9,656	13,353	12,446	9,265	11,308
Herbicide spraying	8,609	8,815	21,241	15,136	24,661
Improvement cuts, thinning**	17,202	29,079	28,600	32,964	34,218
Pruning	2,542	3,067	1,341	1,385	928
Fertilization, drainage	896	313	485	404	283
Sub Total	38,905	54,627	64,113	59,154	71,398
Total	188,949	186,245	228,026	213,015	230,429
Site Preparation***	57,765	71,933	76,863	96,642	85,730
Marking	32,152	77,520	87,269	91,061	114,338
TOTAL, Area Treated	278,866	335,698	392,518	400,718	430,497

** Includes girdling, frilling and poisoning.
*** Preparation for seeding, planting or modified harvest cutting.

DIVISION OF FORESTS

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	I. A. Nausedas	W-3510A ...2731

MANAGEMENT UNITS — Areas in Square Miles at March 31

Year	CROWN LAND FORESTS						AGREEMENT FORESTS	
	Crown No.	Area.	Company No.	Area.	Total No.	Area	No.	Area
1967	78	90,665.0	66	99,342.9	144	190,007.9	60	328.8
1968	77	91,987.0	66	99,351.0	143	191,338.0	60	339.6
1969	77	93,052.0	57	93,126.0	134	186,178.0	60	350.0
1970	79	94,644.0	57	93,613.0	136	188,257.0	60	360.0
1971	87	102,738.0	57	89,985.0	144	192,723.0	60	360.0
1972	86	100,566.0	57	89,985.0	143	190,551.0	60	360.0
1973	86	100,757.0	57	89,985.0	143	190,742.0	60	381.0
1974	88	110,107.0	31	79,347.0	119	189,454.0	60	389.0
1975	88	110,107.0	31	79,347.0	119	189,454.0	60	399.9
1976	88	105,247.0	31	84,207.0	119	189,454.0	60	400.0
1977	88	128,889.0	26	76,969.0	114	205,858.0	60	400.0

TIMBER LICENCES — Areas in Square Miles at March 31

Year	No. of Licences	Under Section 2	Under Section 3	Under Section 5	Total Area Licensed
1967	535	2,006.5	104,269.9	.....	106,276.4
1968	498	1,704.2	104,134.6	74.0	105,912.8
1969	480	1,664.7	101,924.3	74.0	103,663.0
1970	460	1,497.6	98,661.9	115.8	100,275.3
1971	414	302.7	95,201.3	142.2	95,646.2
1972	488	299.6	95,317.7	171.1	95,788.4
1973	505	286.8	94,290.4	100.1	94,677.3
1974	500	284.9	91,971.5	37.5	92,293.9
1975	480	280.5	96,923.8	51.7	97,256.0
1976	440	228.9	94,994.5	76.9	95,300.3
1977	440	225.6	98,219.5	62.0	98,507.1

MILL LICENCES

Type of Mill	1971	1972	1973	1974	1975	*1976
Saw Mills, 8-hour capacity						
Lumber over 50M fbm	35	41	67	60	53	53
Lumber 10M to 50M fbm	79	88	96	104	98	88
Lumber .....under 10M fbm	560	536	531	570	569	543
Misc. Sawn Prod- ucts	91	83	49	40	45	30
Saw Mills, Total	765	748	743	774	765	714
Veneer Mills	27	29	25	26	23	24
Pulp Mills	24	23	23	24	23	23
Total	816	800	791	824	811	761

* Preliminary

TIMBER HARVESTED ON CROWN LANDS BY SPECIES — in 000s cubic foot and \$000s in years ending March 31

Species	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977
SOFTWOOD											
Balsam	11,366	14,525	12,225	13,677	11,464	10,656	13,695	14,868	15,541	9,641	14,780
Cedar	205	567	255	185	148	358	299	466	478	520	400
Hemlock	2,759	2,855	2,355	2,251	1,519	1,707	1,707	2,162	1,204	1,663	1,887
Jack Pine	111,791	107,875	114,166	121,391	115,284	127,311	138,445	157,509	154,346	96,282	135,019
Red Pine	6,962	7,022	4,572	4,571	3,767	3,897	4,231	6,569	7,218	7,159	5,101
Scots Pine ..	.....	.....	.....	.....	14	32	.....	.....	.....	3	.....
White Pine ..	22,073	24,316	17,389	14,290	11,673	12,207	16,166	19,213	16,658	15,777	17,397
Spruce	223,502	220,569	198,982	221,448	203,886	183,011	216,261	241,632	249,506	151,828	232,601
Tamarack	86	120	61	22	11	48	53	60	165	76	100
Mixed	449	659	302	356	257	106	136	50	149	684	79
HARDWOOD											
Ash	85	76	125	53	33	63	45	63	30	38	45
Basswood ...	360	462	392	325	262	426	235	393	275	229	215
Beech	432	351	255	332	218	381	383	451	354	348	454
W. Birch	2,964	5,654	3,430	2,241	1,669	2,107	2,466	2,639	2,764	2,172	2,258
Y. Birch	7,400	8,370	5,780	4,588	4,059	4,863	5,186	3,991	4,024	4,355	4,338
Butternut	1	2	1	1	.....	.....	.....	1	1	.....	.....
Cherry	25	20	14	20	19	42	32	32	19	26	21
Elm	247	423	199	170	133	188	114	122	80	57	31
Maple	9,041	10,004	5,963	5,235	4,807	7,605	6,740	7,576	8,268	7,821	9,141
Oak	321	282	331	311	242	285	303	363	248	265	228
Poplar	21,260	27,682	22,535	24,994	21,338	23,848	27,726	31,495	38,032	24,267	27,993
Mixed	2,140	4,062	6,705	13,889	14,983	10,530	9,275	16,029	13,399	3,855	11,429
TOTALS											
Softwood	379,193	378,508	350,407	378,191	348,022	339,333	390,993	442,529	445,267	283,634	407,363
Hardwood ...	44,276	57,388	45,730	52,159	47,762	50,338	52,505	63,155	67,493	43,433	56,153
Total	423,469	435,895	396,137	430,350	395,785	389,671	443,497	505,684	512,760	327,067	463,516
Value*	14,528	14,832	13,809	14,428	12,829	12,183	13,856	15,480	27,166	19,425	26,788

* Export Levy not included.

TIMBER HARVESTED ON CROWN LANDS
 BY METHOD OF MEASUREMENT — in 000s cubic feet and \$000s in years ending March 31

Year	Cords		Cubic Feet		Foot Board Measure			Weight	Other	Total	Stumpage Value
	Softwood	Hardwood	Softwood	Hardwood	Grade 1	Grade 2	Grade 3				
1975	105,179	19,987	249,250	14,239	5,166	4,379	3,073	109,313	2,173*	512,760	\$27,166
1976	53,929	11,387	131,268	14,701	4,983	5,614	2,541	102,643	....	327,067	19,425
1977	107,968	14,151	180,081	12,665	5,139	6,458	2,877	134,178	.....	463,516	26,788

* Includes 2,138,449 cubic feet of timber measured in net merchantable board foot measure during the month of April, 1974. A new basis of measurement and an interim revision to Crown dues was implemented as of May 1, 1974.

TIMBER HARVESTED ON CROWN LANDS BY METHOD OF MEASUREMENT AND TREE SPECIES

— in year ending March 31, 1977

Unit of Measurement Tree Species	Equivalent Volume	Cubic Feet	Stumpage Crown Dues	Value
CORDS, ROUGH				
White Pine	5,712.17	485,534.45	\$ 25,743.73	\$ 32,528.65
Red Pine	5,749.84	488,736.40	27,324.22	29,679.88
Jack Pine	316,554.11	26,937,297.40	1,424,099.04	1,465,658.09
Spruce, Mixed	632,885.84	53,752,790.90	2,989,932.95	3,128,927.80
Hemlock	17.64	1,499.40	84.67	87.98
Balsam	28,228.31	2,399,406.35	131,335.08	141,013.53
Cedar	1,922.26	163,239.10	9,263.88	10,048.45
Tamarack	674.58	57,339.30	375.67	394.30
White Birch	7,838.16	666,261.60	9,231.94	10,703.09
Poplar	118,170.98	10,044,530.75	120,792.49	142,845.32
Hardwoods, Mixed	6,031.41	512,669.97	6,007.56	8,627.90
Sub-Total	1,123,785.30	95,509,305.62	\$ 4,744,191.23	\$ 4,970,514.99
CORDS, PEELED				
Jack Pine	31,467.75	3,146,775.00	\$ 179,366.15	\$ 182,715.30
Spruce, Mixed	191,934.90	19,193,490.00	1,092,227.66	1,123,593.53
Balsam	12,540.84	1,254,084.00	70,934.33	75,557.68
Cedar	83.67	8,367.00	476.92	502.02
White Birch	90.21	9,021.00	121.45	153.36
Poplar	8,866.61	886,661.00	11,852.05	13,075.85
Hardwoods, Mixed	6.03	603.00	7.24	9.05
Sub-Total	224,990.01	24,499,001.00	\$ 1,354,985.80	\$ 1,395,606.79
CUBIC FEET				
White Pine	10,880,206.66	10,880,206.66	\$ 618,631.21	\$ 1,107,917.54
Red Pine	2,951,919.51	2,951,919.51	168,070.21	286,449.75
Jack Pine	51,938,186.12	51,938,186.12	2,934,334.65	3,069,205.53
Scotch Pine	97.50	97.50	5.56	146.25
White Spruce	2,040,767.99	2,040,767.99	115,449.79	118,453.85

Unit of Measurement Tree Species	Volume	Equivalent Cubic Feet	Crown Dues	Stumpage Value
Black Spruce	24,556,476.65	24,556,476.65	1,386,310.74	1,419,126.58
Spruce, Mixed	78,656,754.15	78,656,754.15	4,446,922.28	4,777,656.17
Hemlock	1,596,014.61	1,596,014.61	90,972.76	104,099.53
Balsam	7,190,507.22	7,190,507.22	408,528.78	433,442.46
Cedar	227,670.99	227,670.99	12,885.93	20,489.43
Tamarack	42,443.59	42,443.59	2,430.27	2,934.55
White Birch	1,583,010.33	1,583,010.33	18,603.85	45,967.09
Poplar	11,083,222.93	11,083,222.93	132,697.04	183,599.33
Sub-Total	192,753,741.97	192,753,741.97	\$10,335,843.07	\$11,569,488.06
BOARD FOOT MEASURE, GRADE 1				
Maple	20,231.20	3,191,091.46	\$ 404,759.06	\$ 476,888.81
Yellow Birch	10,745.26	1,620,876.83	214,911.04	319,789.07
Oak	507.05	81,914.85	10,142.70	15,434.52
Beech	855.52	140,807.86	17,139.34	22,660.14
Ash	98.63	15,622.71	7,740.40	8,144.21
Elm	78.87	12,348.05	1,577.18	2,027.19
Basswood	423.90	69,553.23	8,477.66	11,688.96
Cherry	45.24	7,095.13	904.78	1,029.41
Sub-Total	32,985.67	5,139,310.12	\$ 665,652.16	\$ 857,662.31
BOARD FOOT MEASURE, GRADE 2				
Maple	24,870.86	4,021,819.03	\$ 248,756.62	\$ 324,368.41
Yellow Birch	12,811.15	2,003,330.28	128,124.26	245,445.98
Oak	478.56	80,981.77	4,788.44	8,832.96
Beech	1,280.89	215,880.03	12,808.98	20,572.21
Ash	123.24	20,477.32	1,232.57	1,757.67
Elm	98.92	15,728.76	989.02	1,486.93
Ashwood	511.99	86,205.47	5,120.03	8,692.31
Cherry	82.41	13,320.47	823.99	1,037.79
Sub-Total	40,258.02	6,457,743.13	\$ 402,643.91	\$ 612,194.26

Unit of Measurement Tree Species	Volume	Equivalent Cubic Feet	Crown Dues	Stumpage Value
BOARD FOOT MEASURE, GRADE 3				
Maple	10,920.23	1,928,183.75	\$ 21,949.82	\$ 36,442.99
Yellow Birch	4,137.43	713,385.33	8,275.26	9,780.35
Oak	359.29	64,729.55	719.63	2,501.66
Beech	631.20	97,728.01	1,262.38	5,323.73
Ash	50.89	9,276.38	101.78	235.72
Elm	17.93	3,243.37	35.89	98.29
Basswood	327.00	59,683.92	653.95	2,007.27
Butternut	0.06	10.61	0.12	0.12
Ironwood	0.05	8.60	0.09	0.23
Cherry	3.05	542.82	6.09	12.78
Sub-Total	16,447.13	2,876,792.34	\$ 33,005.01	\$ 56,403.14
WEIGHED WOOD				
White Pine	3,859,948.59	6,031,364.07	\$ 335,420.04	\$ 438,644.24
Red Pine	1,062,413.37	1,660,020.91	94,488.32	137,177.80
Jack Pine	28,731,443.69	52,996,957.35	2,870,918.21	2,964,918.20
Spruce, Mixed	30,131,333.63	54,400,274.74	3,023,845.05	3,247,199.47
Hemlock	205,370.20	289,253.82	15,366.35	17,256.84
Balsam	2,401,248.28	3,936,472.64	221,719.67	232,045.78
Poplar	3,649,247.45	5,980,073.89	71,263.93	85,410.27
Hardwoods, Mixed	6,662,499.66	8,883,332.51	106,739.95	155,487.49
Sub-Total	76,703,504.87	134,177,749.93	\$ 6,739,761.52	\$ 7,278,140.09
FUELWOOD, CORDS				
Softwoods, Mixed	934.27	79,106.95	\$ 947.27	\$ 963.40
Hardwoods, Mixed	23,973.17	2,031,124.50	30,526.88	47,326.53
Sub-Total	24,907.44	2,110,231.45	\$ 31,474.15	\$ 48,289.93
TOTAL TIMBER HARVESTED		463,516,030.40	24,307,556.85	26,788,299.47

Number of District Cutting Licences issued and included in above: 6,277.

DIVISION OF FORESTS

FOREST RESEARCH BRANCH

Maple, Ontario L0J 1E0.

Telephone (416) 832-2261.

Branch Director (Acting)	Dr. D. Burger	Extension 317
Tree Biology		
Hardwood Quality	H.W. Anderson	Extension 312
Root Development	Dr. D.C.F. Fayle	Extension 332
Frost Hardiness and Dormancy	C. Glerum	Extension 316
Tree Breeding and Improvement		
Poplar, Soft Pines	Dr. L. Zsuffa	Extension 295
Spruce	R. Marie Rauter	Extension 295
Hard Pines	G. Buchert	Extension 249
Seed	D.A. Skeates	Extension 305
Tree Nutrition	R.H. Leech	Extension 306
Foliar Analysis	Y.T. Kim	Extension 306
Site		
Classification and Nutrients	Dr. D. Burger	Extension 317
Moisture	G. Pierpoint	Extension 331
Poplar Site/Growth	G.A. Sinclair	Extension 324
Mensuration	A.F. Bechwith	Extension 265
	G. Stroempl	Extension 311
Biomathematics	Dr. F.L. Raymond	Extension 319
Development	V.H.H. Williamson	Extension 301
Mechanical	A. Citro	Extension 248
Photography	Jean Robinson	Extension 321
Southern Ontario Hardwoods		
Lowlands	H.C. Larsson	Extension 264
Uplands	P. Jaciw	Extension 284
FIELD UNITS		
Box 2960, Thunder Bay, Ont. P7B 5G5		
White Spruce	N.F. Lyon	(807) 767-1607
Black Spruce	K.M. McClain	1607
Balsam Fir	A. Lehela	1607
Poplar	(Vacant)	1607
Box 490, Sault Ste. Marie, Ont. P6A 5M7		
Spruce	Dr. A.G. Gordon	(705) 949-9461
Box 190, Dorset, Ont P0A 1E0		
Tolerant Hardwoods	M.M. McLean	(705) 766-2671
Midhurst, Ont L0L 1X0		
Nursery Stock	Dr. R.E. Mullin	(705) 726-7640

DIVISION OF MINES*

Room W-6317, Main Office.

Telephone (416) 965-4271.

Executive Director
 Mine Assessor
 77 Grenville St., Toronto, Ont. M5S 1B3
 Administration
 Division Analyst

G.A. Jewett W-6317 . . 4271
 (See Mineral Resources Branch, Page 25)

H.E. Cook R-810 . . 2461
 L.M. Keith R-811 . . 5484

GEOLOGICAL BRANCH

Room 914, 77 Grenville St., Toronto, Ont. M5S 1B3.

Telephone (416) 965-1283.

Branch Director
 Precambrian Geology Section
 North Archaen Group
 Central Archaen Group
 South Archaen Group
 Proterozoic Group
 Phanerozoic Geology Section
 Paleozoic Group
 Quaternary Group
 Geophysics—Geochemistry Section
 Mineral Deposits Section
 Geoservices Section
 Assessment Files Research
 Geoscience Data Centre
 Geoscience Information
 Scientific Review
 Technical Services Officer

Dr. E.G. Pye R-914 . . 1283
 Dr. V.G. Milne, Spvr. R-912 . . 1321
 P.C. Thurston R-923 . . 1827
 W.O. Mackasey R-906 . . 4817
 Dr. D.R. Pyke R-916 . . 1827
 (to be appointed)
 Dr. O.L. White R-707 . . 1182
 Dr. P.G. Telford R-706 . . 1183
 Dr. W.R. Cowan R-705 . . 1183
 (to be appointed) R-910 . . 1466
 J.A. Robertson, Spvr. R-911 . . 1466
 C.R. Kustra, Spvr. R-806 . . 1546
 (to be appointed) R-801 . . 6139
 H.A. Groen R-804 . . 4641
 E.B. Freeman R-807 . . 4641
 Mrs. G.M. Scott R-724 . . 4536
 T.P. Bell R-819 . . 4641

*See Mining Lands and Prospecting Activities under Lands Administration Branch

GEOSERVICES EDUCATIONAL CLASSES — (Classes began in years indicated)

Numbers of Classes and Registrations in years ending March 31

Year	BASIC COURSE (1894)		SPECIAL TOPICS COURSE (1967)		INDIAN CLASSES (1968)		FIELD COURSE (1968)	
	Cl	Reg	Cl	Reg	Cl	Reg	Cl	Reg
1967	2	257	1	78	..	..	..	..
1968	5	376	1	72	4	92	..	..
1969	7	682	1	82	4	200	1	18
1970	8	595	2	155	4	212	1	20
1971	15	1,679	3	223	9	312	1	18
1972	14	1,321	2	164	5	172	3	53
1973	14	1,560	1	187	4	99	1	35
1974	14	1,150	1	96	..	..	2	35
1975	8	968	1	84	..	..	2	39
1976	2	489	1	66	..	..	2	31
1977	3	394	1	96	..	..	2	32

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)

Summary of Approved Expenditures* in years ending March 31. Totals from April 1, 1971.

AREA	1974	1975	1976	1977	Area Total
	\$	\$	\$	\$	\$
COBALT-GOWGANDA					
Company Expenditures	519,856	186,029	135,736	164,274	1,625,440
Government Payments	134,276	62,010	43,986	49,667	496,272
GERALDTON-BEARDMORE					
Company Expenditures	326,801	247,267	164,882	159,555	1,410,032
Government Payments	75,419	82,422	47,763	50,237	429,684
KIRKLAND LAKE					
Company Expenditures	372,808	330,160	79,989	173,634	1,363,787
Government Payments	89,921	110,053	20,640	57,676	414,023
RED LAKE					
Company Expenditures	689,025	126,745	232,090	143,707	1,443,772
Government Payments	195,811	42,248	76,350	43,425	440,607
ATIKOKAN					
Company Expenditures ....	....	33,691	96,363	294,545	424,599
Government Payments .....	....	11,230	32,121	97,134	140,485
EASTERN ONTARIO					
Company Expenditures ....	....	....	239,438	344,645	584,083
Government Payments .....	....	....	75,540	105,381	180,921
TOTAL					
Company Expenditures	1,908,490	923,892	948,498	1,280,360	6,861,713
Government Payments	495,427	307,963	296,400	403,531	2,101,992

*Under MEAP, the Government reimburses a company or individual one-third of the cost of an approved exploration expenditure up to a maximum of \$33,333.33. Approved company expenditures do not necessarily reflect the total company costs on MEAP projects.

LIST OF FIELD PARTIES

Geological Branch, 1976

No.	Location	Leaders
PRECAMBRIAN GEOLOGY SECTION		
1.	McDonough-Graves Townships Area	J. Pirie
2.	Confederation Lakes Synoptic Project	P.C. Thurston
3.	Attwood Lake Area	H. Wallace
4.	Operation Miniss-Tully Lakes	F.W. Breaks
		W.D. Bond
5.	Sturgeon Lake Synoptic Project	N.F. Trowell
6.	Savant Lake-Crow Lake Special Project	N.F. Trowell
		C.E. Blackburn
		C.E. Blackburn
7.	Manitou Lakes Synoptic Project	G. Edwards
8.	Staw Lake Area	J. Wood
9.	Mine Centre Area	P.A. Palonen
10.	Sandybeach Lake Area	W.O. Mackasey
11.	Stratigraphy & Structure of the Sturgeon River Area	S.E. Amukun
12.	Conglomerate Lake Area	R.P. Sage
13.	Carbonatite Alkalic Complexes	B. Wilson
14.	Twopeak Lake Area	D.R. Pyke
15.	Radisson Lake Area	L.S. Jensen
16.	Kirkland Lake Area	
17.	Regional Stratigraphy & Structure of the Timmins-Kirkland Lake Area	D.R. Pyke
		L.S. Jensen
		M.W. Carter
18.	Shining Tree Area	G.M. Siragusa
19.	Quinn Lake Area	G. Bennett
20.	Two Horse Lake Area	G. Bennett
21.	Huronian Volcanism in the Thessalon Area	B. Dressler
22.	Janes & McNish Townships	S.B. Lumbers
23.	Pembroke Area	E.G. Bright
24.	Cavendish & Anstruther Townships	J.M. Moore
25.	Clarendon Lake Area	
PHANEROZOIC GEOLOGY SECTION		
26.	Quaternary Geology of the Sault Ste. Marie Area	W.R. Cowan
27.	Evaluation of Selected Aggregate Deposits, North Shores of Lake Huron & Superior	W.R. Cowan
		G.J. Burwasser
28.	Quaternary Geology of the Onion Lake & Sunshine Areas	D.R. Sharpe
29.	Quaternary Geology of the Chesley-Tiverton Area	A.J. Cooper
30.	Quaternary Geology of the Goderich & Seaforth Areas	A.J. Cooper
31.	Quaternary Geology of the Strathroy Area	P.J. Barnett
32.	Quaternary Geology of the Tillsonburg Area	E.V. Sado
33.	Quaternary Aggregate Resources in Northwestern Ontario	P.G. Telford
34.	Paleozoic Geology of the Cambridge & Simcoe Areas	P.G. Telford
35.	Paleozoic Geology of the Woodstock-Grand Bend Area	
GEOPHYSICS/GEOCHEMISTRY SECTION		
36.	Gravity & Magnetic Susceptibility Survey in the Red Lake Area .	V.K. Gupta
		D.R. Wadge
37.	Geology & Geochemistry of Pyritic & Graphitic Volcanogenic Sediments and their Relationship to Massive Sulphide Deposits	L.G. Closs
		A.C. Colvine

38.	Reconnaissance Geochemistry of Paleozoic Rocks in Southern Ontario	L.G. Closs
39.	Airborne Gamma-Ray Spectrometer Survey in the Kenora-Deer Lake Area (Joint Federal-Provincial Uranium Reconnaissance Program)	Contract
40.	Regional Lake Sediment Geochemical Survey in the Pembroke-Kingston Area (Joint Federal-Provincial Uranium Reconnaissance Program)	Contract

MINERAL DEPOSITS SECTION

41.	Nickel Deposits Associated with Ultramafic Rocks within the Abitibi Greenstone Belt	P.R. Coad
42.	Iron Deposits of the Wabigoon Belt	H.D. Meyn
43.	Distribution of Carbonate-Rich Rocks, Porphyries, and Gold Deposits, Timmins Area	W.O. Karvinen

ASSESSMENT FILES RESEARCH

Office Operations	1971	1972	1973	1974	1975	1976	1946-76
FILES ADDED							
Technical Surveys and Summaries for Assessment Credit	473	377	277	300	277	240	5,674
MEAP	8	88	59	50	31	56	292
Ontario Securities Commission and Misc.	55	93	85	60	56	81	430
Drilling Reports	670	535	556	335	500	400	7,761
OPERATIONS							
Enquiries	2,050	2,178	3,151	4,416	2,821	2,685	....
Files Examined	10,598	10,238	10,886	9,216	15,277	14,702	....
Control Maps Examined	6,266	6,843	6,856	5,962	7,389	8,932	....

MINERAL RESOURCES BRANCH

3rd Floor, 880 Bay St., Toronto, Ont. M5S 1Z8. Telephone (416) 965-1559.

Branch Director and Mine Assessor	Dr. T.P. Mohide	1559
Senior Mineral Taxation Adviser	F.E. Hall	4570
Mineral Economics Section	E.E. Matten, Spvr.	1016
Mineral Taxation Assessment Section	J.R. Hawkins, Spvr.	4069
Metallic Minerals Section	Dr. G. Anders, Spvr.	1311
Industrial Minerals Section	S. Yundt, Spvr.	1311
Petroleum Resources Section	D. Hurd, Spvr.	1981

ONTARIO MINERAL PRODUCTION IN 1975 and 1976

1975 figures show final completion of shipments
1976 figures are Statistics Canada preliminary.

... Figures Not Available
— Nil or Zero

METALLIC MINERALS	Unit	1975		1976	
		Quantity	Value	Quantity	Value
			\$		\$
Antimony	lb	—	—	—	—
Bismuth	lb	5,378	42,325	—	—
Cadmium	lb	1,468,335	5,011,427	1,521,000	3,992,000
Calcium	lb	944,213	1,004,674	1,229,000	1,521,000
Cobalt	lb	2,399,759	10,277,852	2,511,000	9,679,000
Columbium (Cb ₂ O ₅)	lb	—	—	—	—
Copper	lb	568,303,206	361,431,937	570,954,000	390,361,000
Gold	oz	755,148	123,678,894	734,000	90,414,000
Indium	oz	—	—	—	—
Iron Ore	ton	10,476,161	219,024,019	11,429,000	264,111,000
Iron, remelt	ton	—	—	—	—
Lead	lb	13,651,446	2,766,329	14,063,000	3,186,000
Magnesium	lb	8,434,219	8,788,248	12,914,000	12,248,000
Mercury	lb	—	—	—	—
Molybdenum	lb	—	—	—	—
Nickel	lb	394,836,613	811,328,713	466,462,000	993,704,000
Platinum group	oz	399,219	56,493,077	430,000	48,790,000
Selenium	lb	107,700	1,971,987	108,000	1,951,000
Silver	oz	14,908,138	67,176,070	15,643,000	67,000,000
Tantalum (Ta ₂ O ₅)	lb	—	—	—	—
Tellurium	lb	15,286	144,606	14,000	138,000
Thorium	lb	—	—	—	—
Tin	lb	632,546	2,165,533	366,000	967,000
Tungsten (WO ₃)	lb	—	—	—	—
Uranium (U ₃ O ₈)	lb	10,569,539	...	8,581,000	...
Yttrium (Y ₂ O ₃)	lb	...	...	...	...
Zinc	lb	740,427,997	277,660,498	705,545,000	265,426,000
Total Value, Metallics			\$1,948,966,189		\$2,153,488,000

STRUCTURAL MATERIALS	Unit	1975		1976	
		Quantity	Value	Quantity	Value
			\$		\$
Clay Products	ton	...	44,769,040	...	50,926,000
Cement	ton	4,118,854	110,922,439	4,149,000	116,162,000
Lime	ton	1,173,209	27,063,022	1,010,000	24,236,000
Sand and Gravel	ton	76,837,088	95,578,927	75,000,000	95,200,000
Stone	ton	30,342,066	62,249,745	29,600,000	66,500,000
Total Value, Structural Materials			\$340,583,173		\$353,024,000

bbl = 35.0 Imperial gallons. Mcf = 1,000 cubic feet.

NON-METALLICS	Unit	1975		1976	
		Quantity	Value	Quantity	Value
			\$		\$
Arsenious Oxide	lb	—	—	—	—
Asbestos	ton	16,890	1,493,874	29,000	3,797,000
Barite	ton	—	—	—	—
Diatomite	ton	—	—	—	—
Feldspar	ton	—	—	—	—
Fluorspar	ton	—	—	—	—
Gemstone	lb	—	—	—	—
Grindstone	ton	—	—	—	—
Gypsum	ton	695,118	2,936,056	629,000	2,658,000
Helium	Mcf	—	—	—	—
Iron Oxide	ton	—	—	—	—
Lithia	lb	—	—	—	—
Magnesitic Dolomite and Brucite	ton	—	—	—	—
Mica	lb	—	—	—	—
Nepheline Syenite	ton	516,352	8,869,497	596,000	10,828,000
Nitrogen	Mcf	—	—	—	—
Peat Moss	ton	11,423	874,611	12,000	870,000
Potash (K ₂ O)	ton	—	—	—	—
Pyrite Pyrrhotite	ton	—	—	—	—
Quartz	ton	1,208,394	4,358,086	1,273,000	5,400,000
Salt	ton	4,147,959	32,259,074	4,680,000	44,272,000
Soapstone, Talc Pyrophyllite	ton	...	624,381	...	564,000
Sodium Sulphate	ton	—	—	—	—
Sulphur, in smelter gas	ton	377,228	4,749,301	407,000	7,318,000
Sulphur, elemental	ton	1,404	21,124	2,000	35,000
Titanium Dioxide, etc.	ton	—	—	—	—
Total Value, Non-Metallics			\$56,186,004		\$75,742,000

FUELS	Unit	1975		1976	
		Quantity	Value	Quantity	Value
			\$		\$
Coal	ton	—	—	—	—
Natural Gas	Mcf	10,935	6,508,000	5,000,000	5,760,000
Natural Gas by-products	bbl	—	—	—	—
Petroleum, crude	bbl	704,000	5,046,000	626,000	6,028,000
Total Value, Fuels			\$11,554,000		\$11,788,000
ONTARIO MINERAL PRODUCTION TOTAL VALUE			\$2,357,289,366		\$2,594,042,000

NOTE—Stated values are arrived at by applying an estimated representative price to the total metal content. They are NOT identical with revenue. The series can thus only be used for long-run historical trend analyses.

VALUE OF ONTARIO MINERAL OUTPUT BY REGIONS

Regions	1968	1969	1970
NORTHWESTERN REGION			
Metallic Minerals	\$ 23,064,788	\$ 26,897,006	\$ 32,740,312
Non-Metallic Minerals, Structural Materials	174,506	540,351	816,437
Total	23,239,294	27,437,357	33,556,749
NORTH CENTRAL REGION			
Metallic Minerals	107,483,025	106,715,049	104,449,051
Non-Metallic Minerals, Structural Materials	2,019,473	3,644,580	3,343,611
Total	109,502,498	110,359,629	107,792,662
NORTHERN REGION			
Metallic Minerals	236,583,494	242,085,108	241,277,531
Non-Metallic Minerals	2,227,728	4,570,685	5,008,428
Structural Materials	495,311	747,633	1,362,008
Total	239,306,533	247,403,426	247,647,967
NORTHEASTERN REGION			
Metallic Minerals	740,902,177	609,983,381	*960,612,228
Non-Metallic Minerals	4,320,577	3,078,679	3,933,646
Structural Materials	3,071,226	4,824,601	4,951,242
Total	748,293,980	617,886,661	969,497,116
ALGONQUIN REGION			
Metallic Minerals	6,632,938	8,217,371	7,515,283
Non-Metallic Minerals	4,747,008	5,937,239	5,801,228
Structural Materials	2,653,564	2,383,973	1,778,667
Total	14,033,510	16,538,583	15,095,178
EASTERN REGION			
Metallic Minerals	8,289,817	7,123,264	7,796,689
Non-Metallic Minerals	345,343	340,437	428,738
Structural Materials	27,344,631	32,223,974	34,251,396
Total	35,979,791	39,687,675	42,476,823
CENTRAL REGION			
Natural Gas, Petroleum .	878,044	967,015	884,380
Non-Metallic Minerals	1,898,463	2,059,935	1,875,145
Structural Materials	94,700,712	94,643,209	99,336,322
Total	97,477,219	97,670,159	102,095,847
SOUTHWESTERN REGION			
Natural Gas, Petroleum .	6,887,709	6,425,168	8,443,376
Non-Metallic Minerals	21,605,938	19,104,176	22,700,000
Structural Materials	59,302,198	40,867,503	40,829,859
Total	87,795,845	66,396,847	71,973,235
ONTARIO TOTAL	1,355,628,670	1,223,380,337	1,590,135,577

The discrepancy between the total value of production of Ontario and the total value of regional production in Ontario exists because of the inclusion of non-Ontario sand and gravel operations in the published statistics.

1971	1972	1973	1974	1975
\$ 40,772,847	\$ 74,348,360	\$ 139,866,135	\$ 182,463,743	\$ 189,990,807
71,825	977,536	1,404,490	2,098,723	569,976
40,844,672	75,325,896	141,270,625	184,562,466	190,560,783
116,789,560	133,898,055	133,587,655	196,929,996	170,056,608
4,213,601	1,991,816	3,862,807	3,400,330	3,392,766
121,003,161	135,889,871	137,450,462	200,330,326	173,449,374
219,098,168	**236,925,495	310,399,917	449,309,675	402,653,654
5,339,743	4,779,063	4,746,167	2,177,083	2,172,651
1,646,031	2,286,504	1,610,735	1,648,108	2,247,902
226,083,942	243,991,062	316,756,819	453,134,866	407,074,207
*900,249,790	*796,914,856	*921,122,970	*1,198,347,624	1,164,190,761
4,169,562	5,570,629	7,457,450	7,982,180	8,126,729
5,052,493	5,374,631	6,208,940	7,405,704	8,820,938
909,471,845	807,860,116	934,789,360	1,213,735,508	1,181,138,428
5,455,425	4,874,734	5,972,401	10,175,659	9,792,922
6,206,014	5,902,063	7,860,300	9,179,453	8,917,797
1,528,461	2,168,899	2,229,937	3,908,658	4,744,881
13,189,900	12,945,696	16,062,638	23,263,770	23,455,600
8,252,380	7,838,459	10,882,094	12,480,175	12,281,437
402,527	536,261	594,145	816,427	785,159
33,913,676	40,599,070	45,710,587	52,122,629	57,913,912
42,568,583	48,973,790	57,186,826	65,419,231	70,980,508
762,765	910,468	868,822	413,434	366,330
3,326,716	2,610,411	2,898,093	3,156,258	3,571,357
117,984,264	123,588,862	145,083,894	168,459,058	182,802,821
122,073,745	127,109,741	148,850,809	172,028,750	186,740,508
8,297,166	6,355,800	5,674,878	7,176,566	11,187,670
24,121,302	24,481,406	33,166,178	40,267,824	32,265,317
46,499,585	54,437,131	63,486,115	74,659,259	80,436,971
78,918,053	85,274,337	102,327,171	122,103,649	123,889,958
1,554,153,901	†1,538,079,570	1,854,694,710	2,434,578,566	2,357,289,366

*Does not include value for uranium. **Revised.

†Includes \$709,061 worth of sand and gravel produced by an integrated Ontario operator in New Brunswick.

ONTARIO CRUDE OIL PRODUCTION — (bbls)

Year	Annual	Cumulative	Year	Annual	Cumulative
(1863-85 production estimated)			1906	588,962	22,812,805
1863	114,000	114,000	1907	779,876	23,592,681
1864	148,000	262,000	1908	528,959	24,121,640
1865	182,000	444,000	1909	420,660	24,542,300
1866	216,000	660,000	1910	314,410	24,856,710
1867	250,000	910,000	1911	288,634	25,145,344
1868	284,000	1,194,000	1912	240,935	25,386,279
1869	318,000	1,512,000	1913	266,165	25,612,444
1870	357,100	1,869,100	1914	212,495	25,824,939
1871	364,247	2,233,347	1915	214,442	26,039,381
1872	371,394	2,604,741	1916	196,875	26,236,257
1873	378,541	2,983,282	1917	202,990	26,439,247
1874	385,688	3,368,970	1918	288,760	26,728,007
1875	392,835	3,761,805	1919	220,100	26,948,107
1876	399,982	4,161,787	1920	181,750	27,129,857
1877	407,129	4,568,916	1921	172,858	27,302,715
1878	414,276	4,983,192	1922	164,732	27,467,447
1879	421,423	5,404,615	1923	159,399	27,626,846
1880	428,571	5,833,186	1924	154,317	27,781,163
1881	457,100	6,290,286	1925	144,249	27,925,412
1882	485,710	6,775,996	1926	136,971	28,062,383
1883	514,286	7,290,282	1927	139,606	28,201,989
1884	548,571	7,838,853	1928	134,164	28,336,153
1885	585,710	8,424,563	1929	121,125	28,457,278
1886	614,280	9,038,843	1930	117,302	28,574,580
1887	620,000	9,658,843	1931	122,364	28,696,944
1888	725,000	10,383,843	1932	130,343	28,827,287
1889	710,000	11,093,843	1933	136,058	28,963,345
1890	750,000	11,843,843	1934	141,385	29,104,730
1891	775,000	12,618,843	1935	165,040	29,269,770
1892	765,000	13,383,842	1936	165,494	29,435,264
1893	800,000	14,183,843	1937	165,205	29,600,469
1894	825,000	15,008,843	1938	172,642	29,773,111
1895	835,000	15,843,843	1939	206,379	29,979,490
1896	780,000	16,623,843	1940	187,644	30,167,134
1897	750,000	17,373,843	1941	143,845	30,470,417
1898	770,000	18,143,843	1942	143,845	30,470,417
1899	685,000	18,828,843	1943	132,492	30,602,909
1900	675,000	19,503,843	1944	125,067	30,727,976
1901	625,000	20,128,843	1945	113,324	30,841,300
1902	530,000	20,658,843	1946	123,082	30,964,382
1903	475,000	21,133,843	1947	131,295	31,095,677
1904	485,000	21,618,843	1948	176,989	31,272,666
1905	605,000	22,223,843	1949	260,670	31,533,336
			1950	250,656	31,783,992

bbl = 35.0 Imperial gallons.

Year	Annual	Cumulative	Year	Annual	Cumulative
1951	197,171	31,981,163	1971	958,104	50,310,789
1952	191,813	32,172,976	1972	878,108	51,188,897
1953	299,685	32,472,661	1973	808,649	51,997,546
1954	412,474	32,885,135	1974	734,068	52,731,614
1955	525,509	33,410,644	1975	704,000	53,435,614
1956	593,370	34,004,014	1976*	626,000	54,061,614
1957	623,666	34,627,680			
1958	778,341	35,406,021			
1959	1,001,580	36,407,601			
1960	1,005,030	37,412,631			
1961	1,149,087	38,561,718			
1962	1,134,534	39,696,252			
1963	1,205,376	40,901,628			
1964	1,246,682	42,148,310			
1965	1,279,162	43,427,472			
1966	1,323,781	44,751,253			
1967	1,240,298	45,991,551			
1968	1,150,779	47,142,330			
1969	1,161,889	48,304,219			
1970	1,048,466	49,352,685			

Proven resources of oil are 10.5 million barrels.

Potential resources of oil are 300 million barrels.

Anticipated annual production rate in 1973-82 decade is 900,000 barrels.

*Preliminary

EMPLOYMENT IN ONTARIO MINING INDUSTRY

Year	Mines	Quarries	Clay Gravel Sand	Contractors and Diamond Drilling	Sub Total	Metal- lurgical	Total
1966	27,457	2,928	3,882	821	35,088	13,609	48,697
1967	28,468	2,646	3,831	818	35,762	13,799	49,561
1968	29,634	2,011	3,911	564	36,120	14,036	50,156
1969	29,014	2,101	3,884	1,141	36,140	13,766	49,906
1970	29,968	2,099	3,896	1,018	36,981	14,792	51,773
1971	29,300	2,295	3,083	669	35,347	14,497	49,754
1972	28,867	1,892	3,552	519	34,830	12,923	47,753
1973	25,734	1,596	3,602	481	31,413	12,673	44,086
1974	26,785	1,650	3,375	394	32,204	12,456	44,660
1975	29,102	1,722	3,855	422	35,101	12,095	47,196
1976	29,335	1,898	3,996	338	35,567	12,302	47,869

ONTARIO NATURAL GAS PRODUCTION — in M.c.f. (1,000 cubic feet)

Year	Annual	Cumulative	Year	Annual	Cumulative
1890-1905	Estimated	44,413,476			
1906	2,534,200	46,947,676	1946	7,051,309	432,825,724
1907	4,155,900	51,103,576	1947	7,785,921	440,611,645
1908	4,483,000	55,586,576	1948	8,590,429	449,202,074
1909	5,388,000	60,974,576	1949	8,024,213	457,226,287
1910	7,263,300	68,237,876	1950	8,302,190	465,235,775
1911	12,311,900	80,549,776	1951	8,442,842	473,678,617
1912	12,454,900	93,004,676	1952	8,009,488	481,980,807
1913	12,558,400	105,563,075	1953	9,835,469	491,816,276
1914	14,062,800	119,625,876	1954	10,015,818	501,832,094
1915	15,212,300	134,838,176	1955	10,852,857	512,684,951
1916	17,929,100	152,767,276	1956	12,811,618	525,496,569
1917	20,026,000	172,793,276	1957	14,400,913	539,897,482
1918	13,067,400	185,860,676	1958	16,147,986	556,045,468
1919	11,195,300	197,055,976	1959	16,839,236	572,884,704
1920	10,545,000	207,600,976	1960	18,256,641	591,141,345
1921	8,532,234	216,133,210	1961	14,544,165	605,685,510
1922	8,568,301	224,701,511	1962	15,593,784	621,279,294
1923	8,128,413	232,829,924	1963	15,920,055	637,199,349
1924	7,370,914	240,200,838	1964	13,815,967	651,015,316
1925	7,257,274	247,458,112	1965	12,699,483	663,714,799
1926	7,776,496	255,234,608	1966	15,537,157	679,251,956
1927	7,311,214	262,545,822	1967	12,228,759	693,480,715
1928	7,632,740	270,178,562	1968	12,065,829	705,546,544
1929	8,583,187	278,761,749	1969	11,237,888	716,784,432
1930	7,943,416	286,705,165	1970	16,649,459	773,433,891
1931	7,419,534	294,124,699	1971	16,167,731	749,601,622
1932	7,386,154	301,510,853	1972	12,375,129	761,976,751
1933	7,166,659	308,677,512	1973	9,528,102	771,504,853
1934	7,682,851	316,360,363	1974	7,537,000	779,041,853
1935	8,185,825	324,546,188	1975	10,935,000	789,976,853
1936	10,006,743	334,552,931	1976*	5,000,000	794,976,853
1937	10,746,334	345,299,265			
1938	10,952,806	356,252,071			
1939	11,966,581	368,218,652			
1940	13,053,403	381,272,055			
1941	11,828,703	393,100,758			
1942	10,476,770	403,577,528			
1943	7,914,408	411,491,936			
1944	7,082,509	418,574,445			
1945	7,199,970	425,774,415			

Proven resources of natural gas are 230 billion cubic feet (Bcf).

*Preliminary.

Potential resources of natural gas are 5,000 billion cubic feet (Bcf).

Anticipated annual production in 1973-82 decade is 10 Bcf.

About 70 per cent of Ontario's natural gas output comes from Lake Erie.

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Waterfowl Biologist	R.M. Alison	W-46074251
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HUNTING STATISTICS — Estimates compiled from hunters surveyed by mail

Comparison between hunter numbers and licence sales (see Page 38) gives an estimate of the number of licence holders who did not hunt.

MOOSE			RESIDENTS			NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest		
1969	46,540	.....	8,520	14,740	.....	3,830	61,280	.....	12,350		
1970	51,240	426,000	9,400	10,090	77,300	3,070	61,330	503,300	12,470		
1971	52,180	457,500	9,060	11,020	81,000	3,720	63,200	538,500	12,780		
1972	60,620	517,000	10,320	12,490	91,500	3,470	73,110	608,500	13,790		
1973	74,240	637,800	9,770	16,990	130,100	3,800	91,230	767,900	13,570		
1974	75,370	630,300	10,510	16,850	121,900	3,400	92,220	752,100	13,910		
1975	74,320	595,300	9,800	7,800	59,200	1,510	82,210	654,500	11,310		
1976	75,670	543,200	9,420	7,770	55,400	1,450	83,440	598,600	10,870		

DEER			RESIDENTS			NON-RESIDENTS			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest		
1969	86,490	.....	16,640	5,230	.....	1,470	91,720	.....	18,110		
1970	80,220	473,500	15,430	3,870	22,200	880	84,090	495,700	16,310		
1971	77,600	462,500	17,980	4,600	26,700	1,450	82,200	489,200	19,430		
1972	81,800	489,000	16,070	4,800	26,500	*1,630	86,600	515,500	*17,700		
1973	82,390	462,300	15,140	4,930	27,900	*1,530	87,320	490,200	*16,670		
1974	80,380	487,100	12,530	3,990	23,600	*1,050	84,370	487,100	*13,580		
1975	82,030	442,900	11,740	3,010	16,400	*830	85,040	459,300	*12,140		

BEAR***			RESIDENT			NON-RESIDENT			TOTALS		
Year	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest	Hunters	Hunter Days	Harvest		
1971	1,030	6,800	.....	9,010	48,400	.....	10,040	55,200	.....	
1972	1,120	7,400	6,330	9,300	49,500	2,620	10,420	56,900	8,950		
1973	1,220	12,900	3,680	9,140	62,200	2,120	10,360	75,100	5,800		
1974	1,140	6,200	1,950	9,500	52,100	1,680	10,640	58,300	3,630		
1975	1,220	6,900	1,870	9,030	56,800	1,760	10,250	63,700	3,630		

* Includes deer harvested on moose licences.

*** Estimates of number of hunters and hunter-days are based on bear licences only
Harvest includes bear harvested on moose-bear, deer-bear and moose licences.

SMALL GAME**					SUMMER HUNTING		
		RESIDENT	NON-RESIDENT				RESIDENT
Year	Hunters	Hunter Days	Hunters	Hunter Days	Year	Hunters	Hunter Days
1970	263,700	4,464,000	.....	.....	1972	18,720	369,500
1971	267,870	3,842,500	8,450	80,000	1974	16,380	291,800
1972	236,460	3,647,000	.....	.....	1975	16,170	246,800
1973	247,240	3,356,000	7,960	57,700			
1974	225,840	3,299,000	7,380	52,100			

EXPENDITURE BY HUNTERS — (Excluding licence fees)

Survey Year*	HUNT	Estimates Compiled from Hunters Surveyed by Mail		
		Resident	Non-Resident	Total
1970-71 ...	Small Game	\$29,751,000	\$2,180,000	\$31,931,000
1973-74 ...	Small Game	44,323,000	2,458,000	46,781,000
1972	Summer	3,013,000	.....	3,013,000
1974	Summer	3,557,000	.....	3,557,000
1968-69 ...	Deer	7,261,000	1,000,000	8,261,000
1971-72 ...	Deer	7,371,000	910,000	8,281,000
1973-74 ...	Deer	9,432,000	1,243,000	10,675,000
1968-69 ...	Moose	6,592,000	2,656,000	9,248,000
1971-72 ...	Moose	8,403,000	2,879,000	11,282,000
1973-74 ...	Moose	13,791,000	6,070,000	19,861,000
1971-72 ...	Bear	148,000	1,819,000	1,967,000
1972-73 ...	Bear	199,000	2,077,000	2,276,000
1973-74 ...	Bear	255,000	2,336,000	2,591,000
1976-77 ...	Moose	17,821,000	3,192,000	21,013,000

* Hunting Year: September 1 to August 31.
** Includes waterfowl.

HUNTER SAFETY TRAINING PROGRAM*

Year	ACTIVE INSTRUCTORS at Dec 31	STUDENTS GRADUATED		HUNTING ACCIDENTS		
		Yearly	To Date	Non-Fatal	Fatal	Total
1965	3,075	17,577	102,611	100	11	111
1966	2,500	19,342	121,953	117	13	130
1967	1,741	16,349	138,302	99	13	112
1968	904	9,645	157,947	86	10	96
1969	1,142	12,957	170,904	116	13	129
1970	1,137	13,075	183,979	70	8	78
1971	1,162	15,601	199,580	68	14	82
1972	1,373	18,235	217,815	70	5	75
1973	1,350	23,522	241,337	81	13	94
1974	1,046	19,936	261,273	102	11	113
1975	1,005	25,900	287,173	85	7	92

* Training became mandatory for new hunters in 1960 and for new hunters under the age of 20 years in 1968. Additional details in annual statistical report of program.

WOLF BOUNTIES PAID

in years ending March 31 Under The Wolf and Bear
Bounty Act, Repealed on December 15, 1972

Year	Timber	Brush	Pups	Total	Paid
1963	1,276	691	64	2,031	\$22,664
1964	1,342	862	61	2,265	44,999
1965	1,638	1,052	63	2,753	59,997
1966	1,593	1,195	44	2,832	59,937
1967	1,578	1,277	45	2,900	59,084
1968	1,674	1,342	81	3,067	61,996
1969	1,370	1,542	51	2,963	62,025
1970	1,255	2,047	43	3,345	69,996
1971	1,469	2,061	49	3,579	67,984
1972	1,156	2,099	53	3,308	58,072
1973	561	940	25	1,526	26,751

LAW ENFORCEMENT

Seizures and Convictions
In years ending March 31

Year	Seizures	Convct
1966	2,581	2,347
1967	2,942	2,626
1968	3,404	3,239
1969	3,557	3,489
1970	5,127	4,648
1971	4,253	4,402
1972	4,296	5,002
1973	5,037	5,103
1974	5,056	4,510
1975	4,976	5,649
1976	6,988	5,791

LAND ACQUISITIONS FOR WILDLIFE MANAGEMENT

in years ending March 31

Year	Acres	Cost
1966	2,203	.....
1967	3,461	.....
1968	1,876	\$107,177
1969	3,328	401,057
1970	6,557	270,368
1971	3,091	507,914
1972	4,620	903,259
1973	2,569	572,323
1974	595	105,452
1975	948	242,025
1976	403	216,602

PROVINCIAL WILDLIFE AREAS (areas in acres)

Aylmer Provincial Wildlife Area	455
Brighton Provincial Wildlife Area	959
Bruce Recreation Area	9,007
Camden Lake Wildlife Management Area	2,615
Darlington Provincial Park	274
Fingal Provincial Wildlife Area	725
Gananoque Provincial Wildlife Area	1,500
Holiday Beach Provincial Park	489
Holland Marsh Provincial Wildlife Area	1,200
Hoople Creek Provincial Wildlife Area	260
Hullett Provincial Wildlife Area	5,000
Kolapore Uplands Recreational Area	4,805
Long Point Provincial Wildlife Area	849
Luther Marsh Wildlife Area	12,000
Matchedash Bay Provincial Wildlife Area	550
McCrae Point Provincial Park	340
Mountain Provincial Wildlife Area	3,600
Nonquon River Wildlife Area	2,800
Point Petre Provincial Wildlife Area	3,153
Presqu'ile Provincial Park	2,170
Puslinch Crown Resource Management Area	340
Rankin Wildlife Management Area	2,686
Rondeau Provincial Park	11,500
St. Edmunds Provincial Wildlife Area	7,555
Scugog Island	415
Sibbald Point Provincial Park	556
Tiny Marsh Provincial Wildlife Area	2,300
Wye Marsh Provincial Wildlife Area	2,272
Total, 28 Areas	80,375

WILDLIFE EXTENSION
LANDOWNER AGREEMENT AREAS
(areas in acres)

Aylmer Ponds	106
Beverly Swamp	1,063
Binbrook	990
Calton Swamp	215
Christie	840
Crooks Hollow	42
Hawk Cliff	83
Lake St. Lawrence	15,000
Mud Lake	150
Orangeville Reservoir	780
Valens	550
Waterford Lakes	350
Willoughby Marsh	560
Total, 13 Areas	20,729

HUNTING LICENCES SOLD

Year	DEER		MOOSE		BEAR		SMALL GAME		TOTAL OF LICENCES		
	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Resident	Non-Res	Total
1953	92,785	8,300	5,196	637	.....	2,490	256,341	3,810	354,322	15,237	369,559
1954	92,800	10,400	7,500	730	.....	1,520	284,000	5,300	384,300	17,950	402,250
1955	105,150	8,050	9,000	990	.....	1,750	318,000	6,010	432,150	16,800	448,950
1956	98,079	7,426	13,441	1,521	.....	2,031	316,778	5,905	428,298	16,883	445,181
1957	106,620	6,743	17,367	1,890	.....	2,703	341,838	6,092	465,825	17,428	483,253
1958	109,322	6,044	22,688	2,362	.....	4,803	377,589	5,503	509,599	18,712	528,311
1959	102,960	5,988	26,349	3,431	.....	4,089	378,666	6,243	507,975	19,751	527,726
1960	114,400	6,004	31,948	4,212	.....	3,828	383,205	7,286	529,553	21,330	550,883
1961	106,160	5,788	38,977	5,775	.....	3,607	377,047	7,103	522,184	22,273	544,457
1962	121,725	5,913	39,470	6,675	307	1,922	383,150	7,538	544,662	23,912	568,574
1963	114,510	6,351	43,144	7,261	354	2,038	416,019	7,685	574,027	23,335	597,362
1964	124,182	6,562	40,188	7,639	414	2,208	399,521	7,998	564,305	24,407	588,712
1965	130,636	7,242	60,281	10,057	583	2,697	424,806	9,551	616,306	29,547	645,853
1966	137,429	8,858	48,498	12,698	813	3,960	435,202	12,248	621,942	37,764	659,706
1967	139,253	9,001	51,602	12,875	964	4,924	440,378	12,487	632,197	39,287	671,484
1968	102,579	7,672	51,795	14,923	1,142	8,394	384,867	13,281	540,383	44,270	584,653
1969	97,659	6,572	49,867	15,103	1,359	9,448	360,192	12,900	509,077	44,023	553,100
1970	88,020	5,500	56,198	10,037	1,517	14,585	361,997	7,500	507,732	37,622	545,354
1971	84,655	5,750	57,477	11,130	1,372	14,585	369,192	7,700	512,696	39,165	551,861
1972	87,767	5,921	65,787	12,755	1,121	9,299	361,530	8,717	516,205	36,692	552,897
1973	88,448	5,590	80,320	17,071	1,343	9,405	376,406	8,341	546,517	40,407	586,924
1974	89,149	4,907	83,921	15,614	1,443	8,484	369,624	7,939	544,137	36,944	581,081
1975	91,490	4,617	82,750	7,934	1,585	9,115	388,065	8,752	563,890	30,418	594,308
1976	86,641	5,017	83,618	7,897	1,869	9,325	384,021	9,046	556,149	31,285	587,434

FUR HARVESTS — in years ending June 30

Average Pelt Value, 1975		Totals from Sealing Officers' Reports and Fur Dealers' Returns						
		1970	1971	1972	1973	1974	1975	1976
\$ 21.09	Beaver	158,628	127,913	145,290	181,468	175,099	156,105	136,856
11.34	Mink	28,200	18,152	17,871	20,724	17,975	17,194	14,856
15.29	Marten	24,931	20,687	25,566	27,649	27,150	18,006	20,768
87.71	Otter	7,421	6,589	6,700	9,027	8,122	7,507	7,835
113.42	Fisher	3,165	2,559	3,686	4,399	3,992	2,790	2,165
231.93	Lynx	1,990	1,903	2,474	5,137	3,698	1,918	1,151
103.10	Bobcat .....	.....	.....	10	41	52	25	24
4.31	Muskrat	347,308	286,207	301,357	385,241	513,279	487,238	435,290
19.04	Raccoon ..	15,198	13,000	29,361	29,722	40,641	47,560	44,223
0.46	Squirrel	6,796	6,957	3,795	2,748	5,846	6,076	5,817
0.35	Weasel	4,678	3,799	2,827	5,362	4,924	4,689	3,576
55.26	Col'rd Fox	5,132	4,609	8,702	8,127	13,409	11,809	10,131
33.36	Arctic Fox	59	102	323	23	58	127	101
70.36	Timb. Wolf	1,027	883	1,154	839	1,248	741	285
42.47	Coyote .....	.....	.....	199	397	892	1,319	2,276
50.96	Black Bear	115	59	226	322	375	288	283
....	Wolverine .	1	2	1	1	1	1	.....
1.50	Skunk .....	.....	95	2	3	57	171	98
....	Gray Fox	.....	.....	.....	.....	.....	.....	.....
452.50	Polar Bear	.....	11	18	12	18	15	17
TOTAL PELTS		604,649	493,527	549,562	681,242	816,836	763,579	685,743
		3,727,960		4,234,962		6,410,166.66		
TOTAL VALUE		5,201,675	2,883,164		7,230,167		7,998,265.86	

TRAPPER LICENCES			
Registered	2,530 @ \$5 = \$12,650	Reg Treaty	2,556 @ \$1 = \$ 2,556
Resident	6,152 @ \$5 = 30,760	Res Treaty	23 @ \$5 = 115
Farmer, Indian Res.	1,167 @ 00 =	TOTALS	12,428 ... \$46,081

PELTS — EXPORTED OR TANNED — in years ending June 30

Pelt	1975		*1976	
	Quantity	Value	Quantity	Value
Beaver	159,984	\$2,873,312.64	138,837	\$2,928,072.33
Bobcat	29	1,475.23	20	2,062.00
Fisher	2,820	169,905.00	2,219	251,678.98
Arctic Fox	152	4,636.00	153	5,104.08
Col'rd Fox	14,183	445,488.03	11,774	650,631.24
Lynx	1,954	248,490.18	1,125	260,921.25
Marten	18,463	146,266.96	21,858	334,208.82
Mink	17,512	148,151.52	15,743	178,525.62
Muskrat	479,671	1,515,760.36	449,291	1,936,444.21
Otter	7,757	363,105.17	7,994	701,153.74
Raccoon	71,172	864,028.08	64,728	1,232,421.12
Weasel .....	...	...	...	...
Skunk	212	375.24	3	4.50
Wolverine	3	279.33	...	...
Total	773,912	6,781,233.74	713,745	8,481,227.89

*Total Royalties Collected: \$265,499.10

DIVISION OF FISH AND WILDLIFE

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Big Game, Deer	R.L. Hepburn	Extension 241
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Limnology	A.M. McCombie	Extension 251
Systems Ecology	(vacant)	Extension 251
Selective Breeding	A.H. Berst	Extension 251
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	J.H. Leach	4171
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	D.A. Hurley	2400

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Population Dynamics Section	C. H. Olver, A/Spvr	W-4632A ...7887

FISH PLANTINGS — Numbers in 000s of Fish and Eggs Stocked from Ontario Fish Culture Stations

Species	F — Fish E — Eggs											
	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	
Bass, Largemouth	F 189	143	112	65	22	....	145	59	167	209	140
Bass, Smallmouth	F 252	310	129	200	128	136	117	240	173	106	106	
Herring	E 1,150	7,030	....	....	....	....	....	....	....	....	....
Maskinonge	F 1,303	2,662	2,427	2,991	2,727	1,887	2,683	600	1,253	1,186	1,360	
Pickrel, Yellow	E 10,000	13,055	6,240	10,750	12,700	11,200	3,000	10,700	11,210	8,210	7,700	
Salmon, Chinook	F 8,232	28,042	194	1,314	31	32	48	....	....	350	160
Salmon, Coho	F 923	310	....	....	....	....	190	....	225	....	....
Salmon, Kokanee	F 943	596	472	635	5,411	3,576	1,323	....	....	226	222
Splake	E 69	20	....	....	....	....	....	....	....	....	....
Trout, Brook	E 2,108	2,741	....	2,150	311	....	....	660	....	....	....
Trout, Lake	F 1,743	1,633	1,575	1,148	1,364	1,432	1,322	1,438	1,939	1,522	1,597	
Trout, Rainbow	E 100	676	533	20	...	80	150	1,290	1,267	625	125	
Miscellaneous	F 167	285	452	585	247	1,062	622	711	763	1,023	1,308	
Total	47,024	63,112	13,886	22,004	25,756	21,824	12,287	17,737	19,549	15,347	15,987	

FISH DISTRIBUTION

from Ontario Fish Culture Stations in 1976

(e — eggs) (f — fry)

Total weight in Pounds in Parentheses

Station	Brook Trout	Lake Trout	Rainbow Trout	Splake	Other Species
					Coho
Chatsworth .....	..... .....	148,260 (4,966)	..... .....	370,058 (50,675)	222,150 (9,000)
Codrington	39,100 (9,420)	..... .....	43,400 (3,346)	..... .....	..... .....
					Maskinonge
Deer Lake .....	..... .....	94,120 (1,464)	113,071 (12,449)	..... .....	1,360,100 (231)
Dorion	641,714 (9,257)	692,470 (7,606)	30,120 (313)	..... .....	..... .....
Hill Lake	168,247 (6,602)	251,800e 224,000 (2,804)	..... ..... .....	..... ..... .....	..... ..... .....
Normandale .....	..... ..... .....	..... ..... .....	125,000e 534,071 (41,589)	..... ..... .....	..... ..... .....
North Bay	161,094 (13,154)	140,606 (9,571)	120,445 (4,602)	..... .....	..... .....
Pembroke	78,495 (9,566)	89,904 (8,453)	..... .....	5,888 (490)	..... .....
					Smallmouth Bass
Sandfield	52,900 (2,826)	..... .....	405,000 (208)	179,149 (18,052)	47,072 (337)
Skeleton Lake	166,630 (17,308)	72,198 (5,098)	..... .....	99,000 (8,608)	..... .....
Tarentorus	130,162 (12,600)	537,750 (9,801)	..... .....	24,454 (1,488)	..... .....
					Largemouth Bass
Westport	45,500 (4,763)	71,825 (2,889)	..... .....	..... .....	140,000 (137)
				Smallmouth Bass	Yellow Pickerel
White Lake	110,250 (6,317)	269,400 (5,061)	62,258 (692)	58,500 (87)	7,700,000e 160,000 (30)

ONTARIO COMMERCIAL FISH HARVEST, 1976 — by Species and Waters

Fish Species	Lake Ontario	Lake Erie	Lake Huron	Georgian Bay
Bowfin	1,698	36,980	—	—
Bullhead	349,988	96,898	—	—
Carp	428,691	52,807	41,531	15,057
Catfish	818	80,487	48,338	15
Chub (Deepwater Cisco)	—	—	106,118	619,396
Eel	342,123	838	—	—
Lake Herring (Cisco)	15,378	—	1,669	20,331
Lake Trout	2,415	—	15,344	487
Lake Whitefish	3,622	658	889,939	86,609
Goldeye	—	—	—	—
Freshwater Drum (Sheepshead)	3,332	340,726	34,829	—
Northern Pike	21,803	23,607	1,015	9,799
Rock Bass & Crappie	81,195	51,807	718	256
Round Whitefish	387	—	25,632	33,648
Sauger	—	79	4	520
Smelt	91,116	17,189,618	271	13,909
Sturgeon	551	799	7,598	1,145
Sucker (Mullet)	9,409	23,551	143,897	30,215
Sunfish	225,525	99,511	—	—
White Bass	5,917	1,120,408	3,954	2
White Perch	728,790	—	—	—
Yellow Perch	574,063	4,645,805	401,597	145,969
Yellow Pickerel	1,475	253,955	150,111	83,910
Burbot	—	85	—	1,083
Alewives	—	—	—	—
Shad	244	42,538	6,605	3,225
Animal Food (unclassified)	25,133	1,649,914	337,443	16,419
Total Landings (lbs)	2,913,673	25,711,071	2,216,613	1,081,995
Total Landed Value	\$1,002,716	\$5,989,948	\$1,407,537	\$807,141
Coho Landings	20,051	18,009	39,017	275
Value \$	\$17,308	\$11,002	\$29,979	\$262

ONTARIO COMMERCIAL FISH HARVEST, 1976 — by Species and Waters

North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total Landings (lbs)	Total Value
—	—	—	1,775	38,678	\$ 1,864
20	2	13,434	123,726	584,068	176,961
9,342	313	—	98,392	646,133	137,867
—	—	—	5,955	135,613	55,715
2,042	812,678	71,937	—	1,612,171	1,223,990
—	1	—	4,934	347,896	163,411
23,656	1,319,573	68,353	—	1,448,960	295,589
669	170,050	41,782	—	230,747	151,279
93,992	260,863	1,216,447	—	2,552,130	1,442,747
—	—	202	—	202	113
—	—	309	1,130	380,326	11,751
29,764	3,866	512,088	2,392	604,334	193,131
3,718	17	68,951	14,823	221,485	100,854
44,963	27,817	5,180	—	137,627	31,713
—	335	27,526	—	28,464	12,283
—	947,826	2	1,800	18,244,542	1,356,375
4,152	872	13,457	6,235	34,809	55,810
133,194	165,941	831,955	8,857	1,347,019	56,556
—	—	—	65,801	390,837	99,089
—	430	290	136	1,131,137	519,097
—	—	—	19,048	747,838	172,367
163,200	142,760	7,006	38,680	6,119,080	4,838,646
24,233	1,344	1,015,595	—	1,530,623	1,381,371
1,220	30,138	258,804	—	293,105	2,436
—	260	—	—	260	0
—	—	—	—	52,612	2,617
50,938	6,071	156,645	1,800	2,244,363	28,984
585,103	3,891,157	4,309,963	395,484	41,105,059	—
\$266,887	\$1,246,591	\$1,666,619	\$125,177	—	\$12,512,616
—	1,053	—	—	78,405	
	\$402				\$58,953

ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Species	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	Value 1976
Bowfin	24	19	26	27	39	22	31	51	56	57	39	\$ 2
Bullhead	348	342	395	473	378	362	344	449	477	600	584	177
Burbot (Ling)	343	487	382	416	396	246	311	321	387	383	293	2
Carp	937	928	987	1,046	702	770	748	725	631	636	646	138
Catfish	273	250	255	220	104	156	156	180	187	265	136	56
Caviar	1	(Caviar included with Sturgeon from 1967)										
Chub (Deepwater Cisco) ..	1,265	1,165	681	461	282	802	719	944	1,050	1,317	1,612	1,224
Eel	150	141	181	175	151	173	279	198	229	349	348	163
Freshwater Drum (Sheepshead)	1,058	666	802	451	310	103	292	543	396	408	380	12
Goldeye	7	11	2	.....	1	1	.....	.....	1	2	.....	.....
Lake Herring (Cisco)	1,184	1,935	2,985	2,780	3,060	2,794	2,786	2,447	2,306	2,292	1,449	296
Lake Trout	174	302	301	282	199	188	165	209	229	233	230	151
Lake Whitefish	2,812	2,625	2,906	2,957	2,870	2,312	2,200	1,984	2,359	2,449	2,552	1,443
Northern Pike	1,005	952	956	871	752	558	525	647	725	608	604	193
Rock Bass and Crappie	271	249	276	186	193	199	130	137	129	187	221	101
Round Whitefish (Menominee)	58	41	56	57	37	52	67	56	66	91	138	32
Sauger	59	82	70	51	57	31	19	28	49	46	28	12
Smelt	16,056	12,660	12,490	15,226	9,572	13,551	11,051	17,557	16,902	17,333	18,245	1,356
Sturgeon	86	76	79	90	47	42	29	38	25	27	35	56
Sucker (Mullet)	1,306	1,297	1,278	1,274	1,079	797	975	1,085	1,170	1,333	1,347	57
Sunfish	253	359	400	413	280	299	290	360	372	478	391	99
White Bass	1,806	855	819	925	210	114	1,769	1,512	2,359	2,580	1,131	519
White Perch	174	181	231	252	452	641	292	299	293	387	748	172
Yellow Perch	21,151	22,731	24,969	30,506	21,320	15,277	16,836	19,075	13,411	9,449	6,119	4,839
Yellow Pickerel (Walleye)	3,987	3,238	2,765	2,050	1,406	1,154	1,019	1,391	1,430	1,377	1,531	1,381
Animal Food (Unclassified)	1,556	1,313	1,413	2,014	2,184	2,148	2,163	2,817	7,987*	2,446	2,298	32
Total Landings (000s lbs) .	56,344	52,905	55,705	63,203	46,081	42,792	43,196	53,053	53,225	45,363	41,105	
Total Landed Value (\$000s)	5,995	5,927	5,968	7,378	6,531	6,951	8,118	10,376	9,654			12,513

ONTARIO COMMERCIAL FISH HARVEST — by Waters in 000s lbs and \$000s

Year	Lake Ontario	Lake Erie	Lake St. Clair	Lake Huron	Georgian Bay	North Channel	Lake Superior	Northern Inland	Southern Inland	Total	Total Value
											\$
1966	1,625	41,426	939	1,958	751	209	1,846	7,010	580	56,344	5,995
1967	1,832	37,770	810	1,744	715	207	2,568	6,625	634	52,905	5,927
1968	2,009	39,415	1,121	1,455	728	247	3,365	6,811	554	55,705	5,968
1969	2,270	48,026	919	1,436	581	313	2,951	6,078	629	63,203	7,378
1970	2,905	31,755	87	1,252	498	375	3,382	5,391	436	46,081	6,531
1971	2,906	29,076	...	1,306	1,069	382	3,367	4,064	622	42,792	6,951
1972	2,547	30,182	...	1,072	959	367	3,656	3,882	532	43,196	8,118
1973	2,356	39,829	...	1,120	1,069	350	3,537	4,267	524	53,053	10,376
1974	2,364	38,686	...	1,730	1,025	616	3,942	4,411	451	53,225	9,654
1975	2,777	30,549	...	1,830	1,142	362	3,769	4,532	402	45,363	11,052
1976	2,914	25,711	...	2,217	1,082	585	3,891	4,310	395	41,105	12,513

LAKE ONTARIO COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Eel	Lake Herring	Smelt	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value
											\$
1966	123	302	143	36	141	126	172	154	428	1,625	220
1967	127	392	136	59	155	161	179	287	336	1,832	243
1968	169	412	173	40	168	186	223	304	334	2,009	284
1969	240	541	169	40	146	160	250	439	285	2,270	330
1970	270	493	146	25	165	169	447	985	205	2,905	429
1971	244	441	168	23	202	150	635	890	153	2,906	447
1972	204	443	271	15	216	161	283	809	145	2,547	454
1973	257	413	188	17	99	208	287	757	130	2,356	466
1974	271	395	222	33	103	202	290	702	146	2,364	506
1975	378	414	370	27	104	300	381	599	204	2,777	782
1976	351	429	342	15	91	226	729	574	157	2,914	1,003

LAKE ERIE COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish		Carp		Freshwater Drum		Smelt	White Bass		Yellow Perch		Yellow Pickereel		Other Species		Total Value
1966	167		90		940		15,914	1,757		20,698		991		869		\$ 3,105
1967	140		51		494		12,501	822		22,087		747		928		3,339
1968	107		93		651		12,223	751		24,435		328		827		2,974
1969	121		190		339		15,076	875		29,802		193		1,430		4,244
1970	91		30		259		9,402	195		19,999		26		1,753		3,770
1971	136		53		93		13,130	92		13,918		30		1,624		4,255
1972	124		63		272		10,519	1,756		15,593		51		1,804		5,375
1973	182		60		508		17,062	1,497		18,035		65		2,420		7,038
1974	197		42		361		15,800	2,346		12,205		234		7,501		5,634
1975	278		64		331		16,921	2,563		8,213		125		2,054		6,009
1976	177		53		341		17,190	1,120		4,646		254		1,930		5,990

LAKE HURON COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring		Lake Whitefish		Round Whitefish	Sucker (Mullet)	Yellow Perch		Yellow Pickereel		Other Species		Total Value
1966	43	653	4		348		13	96	152		218		431		\$ 1,958
1967	66	527	5		381		19	141	149		185		271		1,744
1968	58	263	5		356		16	121	71		325		239		1,454
1969	67	86	2		493		22	95	141		194		336		1,436
1970	21	53	2		607		10	61	245		21		232		1,252
1971	38	66	4		553		21	58	261		10		295		1,306
1972	25	110	3		472		30	93	148		2		189		1,072
1973	55	106	6		374		13	89	123		121		233		1,120
1974	44	50	2		628		6	72	314		198		416		1,730
1975	42	95	6		655		15	56	376		206		379		1,830
1976	42	106	2		890		26	144	402		150		455		2,217

GEORGIAN BAY COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Carp	Chub	Lake Herring	Lake Whitefish	Round Whitefish	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1966	21	286	3	157	30	68	63	41	82	751	\$ 171
1967	38	227	5	148	13	49	97	61	77	715	167
1968	21	180	17	286	14	34	38	61	77	728	222
1969	27	156	11	196	4	41	21	74	51	581	184
1970	6	127	11	207	2	41	25	52	27	498	176
1971	2	613	20	183	10	40	75	71	55	1,069	330
1972	23	516	36	172	18	42	54	56	42	959	320
1973	28	622	58	140	18	72	30	48	53	1,069	377
1974	3	613	54	146	32	34	60	46	37	1,025	467
1975	2	692	27	142	25	40	127	47	40	1,142	649
1976	15	619	20	87	34	30	146	84	47	1,082	807

NORTH CHANNEL COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Smelt	Lake Whitefish	Northern Pike	Round Whitefish	Sturgeon	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1966	...	75	20	4	16	40	16	19	19	209	\$ 74
1967	...	79	25	3	13	38	8	21	20	207	70
1968	...	99	16	5	14	55	14	17	27	247	85
1969	...	160	11	7	11	47	9	19	49	313	125
1970	...	176	21	3	11	73	7	35	49	375	124
1971	...	226	16	5	7	54	15	16	43	382	138
1972	...	190	30	10	6	57	14	19	41	367	141
1973	...	176	15	9	8	57	12	26	47	350	150
1974	208	176	13	8	7	70	18	25	91	616	175
1975	...	104	16	10	6	87	39	24	76	362	138
1976	...	94	30	45	4	133	163	24	92	585	267

LAKE SUPERIOR COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Chub	Lake Herring	Lake Trout	Lake Whitefish	Smelt	Sucker (Mullet)	Yellow Perch	Yellow Pickerel	Other Species	Total	Total Value
1966	12	1,135	108	134	...	29	9	377	42	1,846	\$ 327
1967	8	1,854	202	150	...	30	8	274	42	2,568	351
1968	5	2,649	193	212	98	29	10	119	50	3,365	403
1969	8	2,396	202	211	...	53	8	24	49	2,951	403
1970	4	2,902	168	206	...	48	8	9	37	3,382	428
1971	52	2,577	150	253	217	67	20	4	27	3,367	447
1972	43	2,565	127	311	310	132	138	2	28	3,656	577
1973	149	2,235	180	348	390	140	64	1	30	3,537	706
1974	309	2,036	198	330	788	155	67	3	56	3,942	852
1975	455	2,162	182	296	303	222	65	1	83	3,769	1,011
1976	813	1,320	170	261	948	166	143	1	69	3,891	1,247

NORTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Burbot	Chub	Lake Herring	Lake Trout	Lake Whitefish	Northern Pike	Sucker (Mullet)	Yellow Pickerel	Other Species	Total	Total Value
1966	339	315	6	66	1,976	935	889	2,048	436	7,010	\$ 1,314
1967	432	402	11	98	1,785	863	839	1,739	456	6,625	1,002
1968	369	232	271	103	1,861	863	856	1,666	590	6,811	1,136
1969	413	211	298	80	1,805	787	876	1,200	407	6,077	1,149
1970	381	98	114	31	1,619	695	755	1,211	487	5,391	1,066
1971	237	65	159	37	1,079	506	540	1,016	425	4,064	837
1972	296	47	162	37	1,031	468	571	885	385	3,882	797
1973	306	61	125	28	928	592	671	1,125	431	4,267	1,121
1974	347	69	172	29	1,063	654	773	921	383	4,411	1,156
1975	346	68	61	39	1,246	543	878	969	382	4,532	1,333
1976	259	72	68	42	1,216	512	832	1,016	293	4,310	1,667

SOUTHERN INLAND COMMERCIAL FISH HARVEST — by Species in 000s lbs and \$000s

Year	Bullhead and Catfish	Carp	Lake Whitefish	Rock Bass & Crappie	Sucker (Mullet)	Sunfish	White Perch	Yellow Perch	Other Species	Total	Total Value
1966	192	150	60	11	33	83	2	5	45	581	\$ 80
1967	183	166	34	10	18	121	1	7	94	634	92
1968	210	109	14	16	21	108	8	5	63	554	83
1969	216	132	9	28	21	110	1	14	98	629	101
1970	89	139	5	21	33	79	5	32	33	436	60
1971	104	228	1	18	16	65	6	93	91	622	74
1972	134	188	2	14	10	70	9	71	34	532	81
1973	141	166	1	20	17	88	12	45	34	524	94
1974	119	138	...	13	31	76	3	36	35	451	95
1975	143	103	...	16	14	62	6	22	36	402	110
1976	130	98	...	15	9	66	19	39	19	395	125

EMPLOYMENT AND INVESTMENT IN ONTARIO COMMERCIAL FISHERY

Year	Men	Boats 40' and Over	Boats Under 40'	Bill Nets 000s yds	Pound Nets	Trap Nets	Hoop Nets	Seine Nets 00s yds	Freezers and Ice Houses	Wharves and Piers	Net Sheds	New Investment \$000s	Total Value \$000s
1966	2,445	229	1,419	9,489	764	493	1,820	191	465	431	663	751	\$ 11,078
1967	2,197	220	1,406	9,810	715	565	2,146	169	434	429	650	898	11,456
1968	2,044	217	1,313	8,888	734	552	1,915	226	430	403	651	770	11,594
1969	1,959	207	1,190	8,419	790	479	1,740	172	402	382	628	810	11,584
1970	1,836	222	1,078	8,823	727	469	1,484	110	418	384	610	774	11,952
1971	1,999	231	907	9,247	118	400	1,461	84	308	350	578	1,142	12,397
1972	2,097	222	971	9,511	119	467	1,511	103	309	303	553	1,179	12,972
1973	2,215	210	994	9,372	98	451	1,478	78	310	275	564	1,235	14,131
1974	2,208	176	992	10,302	117	455	1,574	64	326	287	515	1,438	16,779
1975	2,220	198	966	10,117	104	466	1,715	76	323	250	477	1,557	18,254
1976	2,171	207	895	10,856	71	460	1,523	82	327	257	461	1,807	21,651

EMPLOYMENT AND INVESTMENT

Classification		Lake Ontario	Lake Erie	Lake Huron
MEN EMPLOYED	Number	417	656	117
FISHING BOATS				
40' and Over	Number	3	122	26
	Tons	44	3,459	546
	Value — \$	98,000	5,073,840	927,600
20' to 39'	Number	62	28	13
	Value — \$	296,345	241,850	76,800
Under 20'	Number	197	67	11
	Value — \$	144,880	53,723	7,650
FISHING GEAR				
Gill Nets	Yards	981,303	6,279,320	978,420
	Value — \$	406,147	2,433,874	497,465
Pound Nets	Number	...	22	1
	Value — \$	...	44,000	3,000
Trap Nets	Number	44	120	151
	Value — \$	36,000	170,600	231,800
Hoop Nets	Number	836	194	...
	Value — \$	185,855	47,940	...
Seine Nets	Yards	2,268	5,350	...
	Value — \$	13,840	32,200	...
Night Lines	Hooks	32,004	10,752	...
	Value — \$	10,605	6,220	...
Dip Nets	Number	13	20	2
	Value — \$	360	245	22
Trawls	Number	...	255	7
	Value — \$	...	303,000	9,000
SHORE INSTALLATIONS				
Freezers and Ice Houses	Number	44	36	26
	Value — \$	126,370	770,100	182,550
Piers & Wharves	Number	43	43	10
	Value — \$	58,370	69,777	41,100
Net Sheds	Number	103	123	30
	Value — \$	156,800	902,928	346,062
Miscellaneous Equipment	Value — \$	6,525	1,800	...
NEW CAPITAL INVESTMENT				
Engines	Value — \$	69,429	147,831	61,145
Hulls	Value — \$	34,091	45,670	75,800
Fishing Gear	Value — \$	109,498	359,513	56,262
Wheel House	Value — \$	2,004	76,990	33,868
Other Equipment	Value — \$	43	...	...
TOTAL VALUE — \$		1,755,162	10,782,101	2,550,124

IN ONTARIO COMMERCIAL FISHERY, 1976

Georgian Bay	North Channel	Lake Superior	Northern Inland Waters	Southern Inland Waters	Total
121	51	175	548	86	2,171
22	8	20	6	...	207
456	186	350	60	...	5,101
605,800	97,000	541,000	92,000	...	7,435,240
29	4	36	45	2	219
108,500	8,025	208,622	137,075	1,300	1,078,517
38	19	61	244	39	676
32,300	8,100	59,580	248,110	17,400	571,743
968,200	284,000	814,320	525,433	25,000	10,855,996
515,087	111,750	653,177	316,903	13,523	4,947,926
13	5	7	23	...	71
8,200	3,500	10,730	15,400	...	84,830
7	24	15	95	4	460
7,800	22,900	14,260	79,736	3,300	566,396
...	...	...	82	411	1,523
...	...	...	8,925	59,070	301,790
...	...	...	...	580	8,198
...	...	...	...	3,530	49,570
...	...	...	300	2,500	45,556
...	...	...	75	550	17,450
5	1	9	3	4	57
27	30	115	45	57	901
...	...	15	...	...	277
...	...	18,950	...	...	330,950
37	9	38	129	8	327
119,883	66,800	511,845	422,520	2,075	2,202,143
30	6	42	80	3	257
48,650	15,000	49,900	75,273	10,950	369,020
39	10	56	87	13	461
149,300	53,500	114,330	101,483	9,576	1,833,979
5,000	...	6,000	34,275	400	54,000
18,361	3,720	56,235	111,030	7,860	475,611
8,700	900	50,435	66,935	1,985	284,516
61,277	21,280	128,863	86,143	4,515	827,351
46,872	700	35,948	11,874	7	208,263
...	...	...	10,954	200	11,197
1,735,757	413,205	2,459,990	1,818,756	136,298	21,651,393

COMMERCIAL FISHING LICENCES

Year	Food-Fish Harvesting	Bait-Fish Harvesting	Bait-Fish Dealers	Bait-Fish Preservers	Total
1966	1,822	1,977	1,396	121	5,316
1967	1,747	1,807	1,729	124	5,407
1968	1,689	1,859	1,808	116	5,472
1969	1,609	1,908	1,861	126	5,504
1970	1,560	1,993	1,895	129	5,577
1971	1,267	1,607	1,813	126	4,813
1972	1,204	1,612	1,876	120	4,812
1973	1,149	1,611	1,868	111	4,739
1974	1,116	1,623	1,832	110	4,680
1975	1,121	1,590	1,606	96	4,413
1976	1,086	1,595	1,753	107	4,541

ANGLING LICENCES

Year	No. Sold to Non-Residents
1966	571,453
1967	578,811
1968	615,611
1969	630,375
1970	605,320
1971	652,335
1972	680,152
1973	701,595
1974	656,960
1975	647,848
1976	627,364

DIVISION OF PARKS

Room W-3328, Main Office.

Telephone (416) 965-2780.

Executive Director	L.H. Eckel	W-3328	5661
Secretary	Miss N. Nishi	W-3328	5661
Administrator, Parks Administration	H.J. Christian	W-3322	2780
Administration	P.S. King	W-3330	2780
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Peterborough, Ont. K9H 7E8			
Co-ordinator	P. Wyatt		705-743-9311
Chief, Planning	P. White		
Secretary	Mrs. H. Gifford		
Provincial Parks Council			
Environment Studies Building			
U. of Waterloo, Waterloo, Ont.			
Chairman	Dr. G. Priddle		519-885-1211

PARK MANAGEMENT BRANCH

Room W-3324, Main Office.

Telephone (416) 965-2745.

Branch Director	R.H. Hambly	W-3324	5160
Secretary	Ms. Y. Taylor	W-3324	2745
Operations	W. Robertson, Spvr	W-3319	2745
Information Officer	Mrs. Mary Brebner	W-3319	2745
Operations Officer	D. Barrow	W-3303	2745
Recreation Areas Mgmt. Officer	M. Garscadden	W-3319	2745
Sanitation	S.C. Cowan, Spvr	W-3317	2745
Development	G.A. Ashenden, Spvr	W-3321	2745
Development Officer	R. Lockwood	W-3321	2745
Visitor Services	C.R. Tilt, Spvr	W-3335	2745
Interpretive Planner	W. Yetman	W-3303	2745
Interpretive Designer	M. Medved	W-3501	2745
Bronte Creek Project Co-Ordinator	I.C. Johnson	W-3322	2745

PUBLIC USE OF PROVINCIAL PARKS

Year	Vehicle Entries	Interior Campers	Campers	Average Days	Camper Nights	Total of Visitors
1966	2,738,664	52,722	994,787	2.7	2,653,055	9,791,671
1967	2,817,362	49,957	1,155,091	2.4	2,805,143	10,192,533
1968	2,588,242	59,377	1,119,912	2.2	2,457,801	9,440,211
1969	2,946,228	51,522	1,360,639	2.2	2,956,214	10,459,936
1970	3,468,758	63,434	1,531,528	2.2	3,524,322	12,172,254
1971	3,903,368	77,100	1,618,948	2.3	3,788,525	13,658,619
1972	3,652,935	82,558	1,498,479	2.2	3,291,559	12,320,794
1973	3,585,161	99,366	1,600,817	2.2	3,547,215	12,136,909
1974	3,286,106	102,456	1,615,677	2.3	3,702,059	11,031,651
1975	3,401,561	94,280	1,621,887	2.5	3,979,473	11,139,864
1976	3,431,189	99,373	1,515,353	2.5	3,747,209	10,616,237

ATTENDANCE AT INTERPRETIVE PROGRAMS

Year	Parks	Exhibits Museums	Self-guiding Trails	Conducted Hikes	Evening Programs	Special Groups	Total
1966	21	392,403	88,004	11,453	53,161	.....	545,021
1967	23	384,666	117,009	20,421	57,754	.....	579,850
1968	23	420,617	114,731	14,123	121,127	.....	661,598
1969	25	447,565	104,688	19,481	202,363	.....	774,097
1970	26	401,090	121,866	14,195	172,882	.....	754,021
1971	37	460,085	198,629	25,074	208,572	.....	892,760
1972	44	415,032	184,238	22,522	132,134	43,782	796,709
1973	60	433,200	216,436	27,147	178,557	33,974	894,314
1974	55	445,460	228,319	31,048	159,932	54,527	919,286
1975	73	603,630	247,901	38,253	195,775	124,307	1,454,270
1976	73	645,760	288,587	34,277	182,271	.....	1,485,340

GROWTH OF PROVINCIAL PARKS

Year	Camping		Reserve Areas		Provincial Parks	
	Parks	Units	No.	Acreage	No.	Acreage
1966	81	15,922	60	513,112	92	3,747,267
1967	83	16,201	61	530,780	94	3,756,255
1968	83	17,322	71	1,070,886	96	3,763,440
1969	85	18,039	78	1,239,973	97	8,379,596
1970	88	18,296	81	1,236,933	108	10,236,909
1971	91	18,941	101	1,258,221	113	10,282,848
1972	94	19,983	133	1,324,388	115	10,363,312
1973	95	20,209	135	1,258,099	115	10,405,264
1974	95	20,036	128	1,120,861	117	10,416,219
1975	96	20,332	104	1,262,335	121	10,416,219
1976	96	19,851	105	1,257,047	122	10,771,959

122 PROVINCIAL PARKS IN OPERATION IN 1976

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
NORTHWESTERN REGION					
RED LAKE					
Pakwash	1,558	57	2,495	5,213	43,254
KENORA					
Rushing River	469	192	20,340	110,383	96,400
Sioux Narrows	325	71	5,432	11,485	27,897
FORT FRANCES					
Caliper Lake	246	92	5,620	9,812	32,696
Lake of the Woods	2,711	100	6,469	15,397	57,734
DRYDEN					
Aaron	173	98	10,945	12,971	42,755
Blue Lake	874	188	15,266	42,871	102,000
SIOUX LOOKOUT					
Ojibway	6,500	50	1,607	4,748	18,849
IGNACE					
Sandbar Lake	7,800	75	8,843	10,952	29,559
Total, 9 Parks	20,656	923	77,017	223,832	451,144
NORTH CENTRAL REGION					
ATIKOKAN					
Quetico	1,505,404	135	11,184	23,687	29,834
THUNDER BAY					
Inwood	82	82	14,004	14,088	18,393
Kakabeka Falls	1,039	151	29,776	42,708	290,313
Middle Falls	11	25	4,249	4,426	5,710
Sibley	60,380	217	16,578	31,576	129,396
NIPIGON					
Blacksand	3,604	66	3,849	6,448	12,391
GERALDTON					
Klotz Lake	293	30	2,595	3,737	10,642
MacLeod	200	85	6,425	13,083	41,329
TERRACE BAY					
Neys	8,512	150	25,028	31,692	29,514
Rainbow Falls	1,422	225	23,244	28,935	30,745
WHITE RIVER					
Obatanga	23,250	110	16,454	21,500	25,527
White Lake	4,265	150	17,352	28,519	60,693
Total, 12 Parks	1,608,462	1,426	170,738	250,399	684,487
NORTHERN REGION					
HEARST					
Fushimi Lake	26,775	40	3,116	6,105	10,987
Nagagamisis	14,446	165	6,455	20,819	22,922
MOOSONEE					
Polar Bear	5,952,000	...	...	...	...
Tidewater	2,421	34	808	1,563	1,911
KIRKLAND LAKE					
Esker Lakes	7,680	136	6,206	19,733	23,254
Kap-Kig-Iwan	824	64	5,115	8,548	44,010

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
KAPUSKASING					
Remi Lake	7,324	107	8,869	23,430	57,947
COCHRANE					
Greenwater	11,049	108	5,347	12,760	49,607
TIMMINS					
Kettle Lakes	2,454	168	12,733	35,388	17,416
CHAPLEAU					
Five Mile Lake	1,128	46	2,446	4,943	5,391
Ivanhoe Lake	3,000	148	7,279	26,520	71,474
Missinaibi Lake	108,876	48	2,058	8,650	2,851
The Shoals	27,670	58	3,244	6,638	16,477
Wakami Lake	21,760	68	2,944	12,535	24,391
Total, 14 Parks	6,187,407	1,190	66,620	187,632	348,638
NORTHEASTERN REGION					
WAWA					
Lake Superior	384,640	353	31,720	47,090	154,409
SAULT STE. MARIE					
Batchawana	418	...	...	...	...
Pancake Bay	1,151	340	37,727	60,217	177,229
BLIND RIVER					
Mississagi	7,124	102	5,832	19,254	44,969
ESPANOLA					
Chutes	270	91	17,178	23,574	90,421
SUDBURY					
Fairbank	260	160	10,756	28,424	54,447
Halfway Lake	58,240	215	13,274	18,293	32,677
Killarney	84,328	140	7,975	34,182	69,470
Windy Lake	343	76	6,708	22,260	99,387
TEMAGAMI					
Finlayson Point	92	114	10,738	19,541	17,970
NORTH BAY					
Antoine	30	30	882	1,357	7,612
Marten River	989	216	22,347	38,575	87,542
Restoule	1,635	278	11,358	52,768	82,422
Samuel de Champlain	5,805	216	13,910	29,070	50,108
Total, 14 Parks	545,325	2,331	190,405	394,605	968,663
ALGONQUIN REGION					
PARRY SOUND					
Grundy Lake	6,310	520	34,293	105,295	116,058
Killbear	4,340	967	43,549	198,114	330,275
Oastler Lake	78	161	20,620	39,904	102,967
Sturgeon Bay	35	82	6,708	21,454	24,196
BRACEBRIDGE					
Arrowhead	1,920	386	29,131	91,965	180,446
Mikisew	133	258	12,195	46,002	33,224
BANCROFT					
Lake St. Peter	62	60	5,039	10,480	50,418
Petroglyphs	3,842	...	...	...	...
Silent Lake	1,900	145	5,247	8,972	37,243

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
ALGONQUIN PARK					
Algonquin	1,862,400	1,365	93,373	270,811	646,892
Driftwood	665	88	8,669	14,491	9,575
PEMBROKE					
Bonnechere	280	114	6,029	21,048	11,726
Carson Lake	32	45	2,574	6,463	2,565
Total, 13 Parks	1,881,997	4,191	267,427	834,999	1,545,585
EASTERN REGION					
OTTAWA					
Fitzroy	457	250	19,719	34,563	134,116
Rideau River	242	186	15,111	26,040	82,628
CORNWALL					
Carillon	1,715	302	17,484	38,029	133,774
South Nation	13	28	2,551	3,167	17,832
BROCKVILLE					
Charleston Lake	2,230	227	10,133	33,957	72,745
LANARK					
Silver Lake	107	175	10,674	30,065	54,922
TWEED					
Bon Echo	16,417	530	29,026	107,565	196,640
Sharbot Lake	170	191	10,443	30,256	65,533
NAPANEE					
Ferris	490	165	2,130	4,165	22,089
Lake on the Mountain	5	...	...	...	...
North Beach	221	...	...	...	65,960
Outlet Beach, Sandbanks	2,477	482	31,979	114,012	441,697
Presqu'île	2,170	500	32,110	75,488	190,579
Total, 14 Parks	26,714	3,036	181,360	497,307	1,478,515
CENTRAL REGION					
LINDSAY					
Balsam Lake	1,109	526	33,571	96,152	130,324
Darlington	274	360	38,992	63,846	161,353
Emily	207	299	21,764	53,545	166,324
Mark S. Burnham	97	...	...	...	...
Serpent Mounds	138	113	12,005	36,051	116,944
HURONIA					
Bass Lake	98	92	12,724	29,194	161,976
Devil's Glen	14	45	5,384	9,188	45,068
Earl Rowe	742	588	34,384	96,258	136,399
Mara	112	100	10,535	23,512	68,758
McRae Point	340	202	11,563	34,831	40,086
Six Mile Lake	203	192	21,370	44,757	214,721
Springwater	116	...	...	...	61,483
Wasaga Beach	344	...	...	...	449,865
(Nancy Island) .....	...	...	...	...	9,946
MAPLE					
Sibbald Point	556	656	52,967	106,704	251,179
CAMBRIDGE					
Bronte Creek	1,583	...	...	...	180,392

Region, District Provincial Park	Area in Acres	Developed Campsites	Campers	Camper Nights	Total of Visitors
NIAGARA					
Rock Point	241	47	5,429	8,645	54,222
Total, 16 Parks	6,174	3,220	260,688	602,683	2,249,040
SOUTHWESTERN REGION					
SIMCOE					
Long Point	849	295	18,697	62,672	330,088
Selkirk	145	160	8,327	20,748	69,988
Turkey Point	782	201	12,452	31,268	409,433
AYLMER					
Iroquois Beach	560	232	10,320	25,968	143,156
John E. Pearce	168	...	...	...	...
Port Bruce	13	...	...	...	...
CHATHAM					
Holiday Beach	227	45	5,863	14,981	279,260
Ipperwash	201	264	18,695	74,561	187,250
Pinery	5,762	1,022	98,090	205,701	470,572
Rondeau	11,900	226	21,668	67,149	365,330
Wheatley	596	250	18,520	42,100	102,219
WINGHAM					
Point Farms	760	200	16,536	48,662	148,443
OWEN SOUND					
Craigleith	162	170	17,019	38,211	104,777
Cyprus Lake	1,654	181	25,709	62,777	105,649
Inverhuron	713	...	...	...	34,845
MacGregor Point	1,066	136	8,484	25,155	73,305
Sauble Falls	50	152	20,718	35,799	65,850
Total, 17 Parks	25,608	3,534	301,098	755,752	2,890,165
WILD RIVER PARKS					
Chapleau-Nemegosenda	25,000	(Chapleau)	...	...	...
Lady Evelyn	6,088	(Temagami)	...	...	...
Mattawa	8,050	(North Bay)	...	...	...
Mississagi	11,635	(Blind River, Espanola, Chapleau)	...	...	...
Winisk	415,400	(Geraldton)	...	...	...
Total, 5 Parks	466,173	...	...	...	...
NATURE RESERVES					
Cavern Lake	467	(Thunder Bay)	...	...	...
Gibson River	415	(Huron)	...	...	...
Matawatchan	160	(Pembroke)	...	...	...
Montreal River	108	(Sault Ste. Marie)	...	...	...
Ouimet Canyon	1,920	(Thunder Bay)	...	...	...
Porphyry Island	264	(Thunder Bay)	...	...	...
Trillium Woods	25	(Aylmer)	...	...	...
Waubashene Beaches	84	(Huron)	...	...	...
Total, 8 Parks	3,443	...	...	...	...
TOTAL, 122 Parks	10,771,959	19,851	1,515,353	3,747,209	10,616,237

PARK PLANNING BRANCH

Room W-3316, Main Office. Telephone (416) 965-3981.

Branch Director	R.J. Vrancart	W-3316 ....3981
Secretary	Mrs. M. Naumoff	W-3316 ....3981
Stenographer	Miss E. Lynch	W-3316 ....3981
Systems Planning	R.L. Mitton, Spvr	W-3315 ....3981
Senior Planner (Conservation)	R. Beatty	W-3310 ....3981
Senior Planner (Research)	D. Hallman	W-3309 ....3981
Senior Planner (Recreation)	K. McCleary	W-3309A ...3981
Recreation Planner	R. Phillips	W-3313 ....3981
Recreation Planner	Mrs. P. Neice	W-3308A ...3981
Master Planning	N.R. Richards, Spvr	W-3314 ....3981
Senior Master Planner	W. Sargant	W-3313A ...3981
Inventory Co-ordinator	Ms. M. Griffiths	W-3308 ....3981
Site Planning Unit (Maple)	I. Olcay, Spvr	(416) 832-2261-336
Senior Landscape Architect	G. Pittenger .....	.....

105 PROVINCIAL PARK RESERVE AREAS — 1976

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
NORTHWESTERN REGION		KAPUSKASING	
RED LAKE		Missinaibi W. R.	27,505
Irregular Lake	370,000	TIMMINS	
KENORA		Dana-Jowsey Lakes	6,400
Pipestone Peninsula	3,530	KIRKLAND LAKE	
Pistol Lake	4,024	McCann	640
FORT FRANCES		CHAPLEAU	
Pow-Wow Grounds	1,730	Missinaibi Lake	45,552
Sand Point Island	2,197	The Shoals	15,816
Total, 5 Areas	381,481	GOGAMA	
		Dividing Lake	19,240
		La Motte Lake	1,250
		Total, 13 Areas	209,847
NORTH CENTRAL REGION		NORTHEASTERN REGION	
ATIKOKAN		WAWA	
Warner Lake	745	Pothole	870
White Otter Lake	60,000	SAULT STE. MARIE	
THUNDER BAY		Mark's Bay	258
Arrowhead Peninsula	850	BLIND RIVER	
Arrow Lake	1,000	Aubrey Falls	17,000
Inwood	1,000	Mashagama	640
Kashabowie	19,130	Mississagi	97,000
LaVerendrye W. R.	3,240	ESPANOLA	
Silver Falls	8,988	La Cloche	12,278
NIPIGON		SUDBURY	
Cypress River	600	Halfway Lake	58,240
Gravel Bay	250	Wanapitei Lake	3,334
Gravel River	800	TEMAGAMI	
Humboldt Bay	73,000	W. B. Greenwood	23,000
Kopka Lake	10,000	NORTH BAY	
Partridge Lake	6,500	Restoule	1,155
GERALDTON		South Bay	3,963
Esnagami Lake	58,000	Total, 11 Areas	217,738
Lukinto Lake	2,250		
Purgatory Chutes	100		
TARRACE BAY			
Slate Islands	9,793		
Steel River	2,700		
WHITE RIVER			
Kakakiwibik Lake	58,882		
Kawapitapika Lake	2,800		
Total, 21 Areas	320,628		
NORTHERN REGION		ALGONQUIN REGION	
HEARST		PARRY SOUND	
Fushimi Lake	26,775	Blackstone Harbour	16,734
Nagagami Lake	4,085	Magnetawan River W. R.	19,572
Rogers	1,510	McDonald Bay	1,100
COCHRANE		O'Donnell Point	2,130
Long Point Peninsula	18,500	Round Lake	24,265
Otter Rapids	486	Shawanaga Basin	2,560
Pierre-Montreuil	42,088	South Limestone Island	11
		BRACEBRIDGE	
		Bigwind Lake	5,625
		Chetwynd	210
		Ragged Falls	344
		MINDEN	
		Red Pine Lake	7,200

Region, District Reserve Area	Area (Acres)	Region, District Reserve Area	Area (Acres)
BANCROFT		CAMBRIDGE	
Kawartha Highlands	3,800	Cranberry Bog	21
McKenzie Lake	3,408	NIAGARA	
Silent Lake	1,890	James N. Allen	278
PEMBROKE		Short Hills	1,259
Centennial Lake	10,025	Total, 26 Areas	23,834
Madawaska W. R.	2,600	SOUTHWESTERN REGION	
Round Lake	307	AYLMER	
Total, 17 Areas	101,791	Komoka	149
EASTERN REGION		CHATHAM	
BROCKVILLE		Ojibway Prairie	223
Blue Mountain	1,795	Pelee Island	192
LANARK		Tremblay Beach	154
Kilmarnock	63	OWEN SOUND	
Mouth of Tay	159	Cyprus Lake	709
TWEED		Fathom Five	329
Baudner Property	86	Stokes Bay	704
NAPANEE		Total, 7 Areas	2,044
Casey Point	81	TOTAL, 105 Areas	
Total, 5 Areas	2,184	1,257,047	
CENTRAL REGION			
LINDSAY			
Harris Island	186		
Indian Point	2,118		
Kendal Recreation Area	863		
Quackenbush Site	121		
Scugog Island	415		
Wolf Island	464		
HURONIA			
Allandale	198		
Bass Lake (PP extension)	75		
Bass Lake	457		
Boyne Valley (Primrose)	2,652		
Couchiching	108		
Devil's Glen	135		
Giant's Tomb	1,184		
Lavender Falls	499		
Matchedash	6,200		
Mono Rocks	1,313		
Nottawasaga Lookout	540		
Scott's Falls	1,207		
Wasaga Backlands	2,100		
MAPLE			
Cheltenham	246		
Credit Forks	507		
Duclos Point	338		
Grange Property	350		

DIVISION OF LANDS

Room W-1514, Main Office.

Telephone (416) 965-6045.

Executive Director	J.W. Keenan	W-1514 .....6045
Administration	J. Botterill	W-6637 .....2724
Program Analyst	Ms. Janine Zend	W-1511 .....1075
Director, Office of Indian Land Claims	E.G. Wilson	W-1511 .....6045

LANDS ADMINISTRATION BRANCH

Room W-1618, Main Office.

Telephone (416) 965-1316.

Branch Director	J.R. McGinn	W-1618 .....1316
Public Lands Section	J. Morton, Spvr	W-1408 .....2741
Public Lands Management	W. P. Small	W-1301 .....4507
Disposition	V. Mann	W-1407 .....2743
Disposition Standards	G. J. Madill	W-1302 .....1251
Mining Lands Section	J. C. Smith, Spvr	W-1626 .....1380
Mining Administrator	F. W. Matthews	W-1617 .....6918
Eastern Ontario Mining Recorder	D. S. Andrews	W-1506 .....1322
Control Officer, Mining Claims	(vacant)	W-1626 .....1380
Eastern Ont. Mining Claims Inspector, 31 Springbrook Drive, Kawartha Heights, Peterborough	D. H. Leaper	(705) 743-6849
Land Acquisition Section	V. A. Leonard, Spvr	W-1412 .....2738
Land Requisition Officer	J. Brazas	W-6616 .....2738
Property Management	L. Hall	W-6616 .....2738
Titles Section	W. L. Good, Spvr	W-1620 .....1319
Document Officer	C. D. Egerton	W-1620 .....1319
Acreage Tax Administrator	Mrs. D. H. Holland	W-6408 .....1319
Records Officer	R. E. Dixon	W-6408 .....1319

MINING LANDS — in years ending March 31

Year	PATENTS		LEASES		New		Surface Rights		LICENCES OF OCCUPATION		QUIT CLAIM DEEDS AND REGRANTS	
	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres	No.	Acres
1973*	123	19,740	106	31,524	2	655	2	2,785	39	2,218.175
1974	3	124	26	1,571	80	23,721	4	820	2	400,850	40	3,408.400
1975	210	11,887	99	23,218	3	295	1	9,725	32	1,632.150
1976	142	6,649	61	26,145	..	...	3	107,290	21	1,134.408
1977	221	7,735	141	48,278	4	484	3	21,530	20	1,146,000

PROSPECTING ACTIVITIES — in years ending March 31

Year	MINING CLAIMS			ASSESSMENT		QUARRY PERMITS		MINERS LICENCES	
	Recorded	Cancelled	In Good Standing	WORK (Days)	Issued	Issued	Renewed	Issued	Renewed
1967	32,271	39,693	58,237	968,431	401	1,882	4,313		
1968	38,705	31,629	65,313	1,070,212	459	2,257	3,878		
1969	45,852	31,621	79,544	1,369,470	484	1,768	3,347		
1970	40,693	36,867	93,775	1,800,360	521	1,534	3,117		
1971	24,410	42,501	75,684	1,251,205	...	1,310	3,192		
1972	19,267	37,753	57,198	857,940	598	1,239	2,955		
1973	18,170	30,065	45,116	598,337	661	1,287	2,601		
1974	20,710	17,563	44,241	784,155	650	1,152	2,057		
1975	20,343	20,033	47,795	799,980	799	1,145	2,044		
1976	20,290	14,879	44,096	697,297	764	1,128	2,590		
1977	21,046	21,108	49,099	672,386	789	1,170	2,418		

January 1, 1972, to March 31, 1973.

PUBLIC LAND — in years ending March 31

Year	PATENTS**		LEASES		LICENCES OF OCCUPATION	
	No.	Acres	No.	Acres	No.	Acres
1966	1,031	8,951.582	76	...	53	...
1967	1,034	7,992.608	82	404	65	1,458
1968	1,175	5,330.986	97	418	72	7,275
1969	1,341	7,210.587	81	351	61	3,575
1970	1,223	5,114.369	101	349	67	1,134
1971	1,725	5,990.952	25	236	50	3,383
1972	1,625	5,781.722	410	3,464	132	27,176
1973	934	25,693	495	724	85	4,281
1974	361	4,203	396	967	61	241
1975	230	2,738	656	1,359	88	843
1976	275	4,524	439	1,253	70	4,014
1977	256	5,554	197	1,465	141	25,255

LANDS ACQUIRED BY CROWN — Acres in years ending March 31

Year	Provincial Tax Forfeitures	Cancellation of Sales	Purchased Or Otherwise Acquired	Total	Acreage Tax Forfeitures
1967	8,402	1,840	12,601	22,843	.....
1968	8,344	470	46,435	55,249	.....
1969	2,411	996	208,026	211,433	.....
1970	3,272	128	88,023	91,423	.....
1971	1,515	14	10,962	12,221	.....
1972	1,519	428	10,745	12,692	.....
1973	4,160	55	33,611	37,826	*68,750
1974	1,896	240	1,541,291	1,543,427	33,000
1975	831	5	13,062	13,898	28,000
1976	662	1	5,744	6,407	27,012
1977	16	...	2,771	2,787	25,000

USE OF ACQUIRED LANDS — Acres in years ending March 31

Year	Provincial Parks	Access Points	Wilderness Areas	Sport Fisheries	Wildlife Mngt	Timber Mngt	District Imprvmnts	Total
1968	9,142	1,135	357	8,829	3,328	32,632	154	55,577
1969	5,422	349	136	5,007	6,557	194,496	1,481	213,448
1970	3,633	350	21	1,318	3,091	83,240	3	91,656
1971	3,317	444	656	656	4,620	4,316	.....	14,009
1972	6,967	22	531	3,579	4,568	2,045	.....	17,712
1973	26,277	162	374	477	2,569	3,752	.....	33,611
1974	16,363	6	294	55	595	3,506	206	21,024
1975	10,359	10	50	2	2,435	200	6	13,062
1976	5,209	29	86	16	403	...	.....	5,743
1977	1,573	348	...	200	613	4	...	2,738

* January 1, 1972, to March 31, 1973.
** Amalgamation of statistics previously reported under Free Grant Land, Agricultural Land, Summer Resort Land, Land for Special Use, and Cities, Towns and Townplots.

SURVEYS AND MAPPING BRANCH

Room W-6602, Main Office. Telephone (416) 965-6225.

Branch Director, Surveyor General	Robert G. Code	W-6602 6225
Co-ordinator, Geog. Referencing	J. Kerr	W-6601 4538
Co-ordinator, Mapping Services	J. Haddon	W-6604 4941
Surveys Section	M. Berman Spvr	W-6619 2714
Crown Surveys and Examination	J.E. Hietala	W-6619 2714
Survey Research, Descriptions	J.P. Campbell	W-6619 2714
District Surveyor	D.E. Norris	W-6619 2714
Survey Records Information	D.E. Jeanes	W-6619 7058
Drafting Services Section	W.J. Clark, Spvr	W-6503 7108
Supervisory Draftsmen:		
Land Base and General Service	R.B. McBride	W-6502 7108
Map Update	B. Kozij	W-1632 1187
Forest Resources Inventory	N.J. White	W-3401 6914
Conservation Authorities	W.G. Martin	W-4401 3319
Lake Resources Inventory	W.G. Martin	W-4401 3319
Scientific Review (Room 719)	R. Balgalvis	77 Grenville St. 4534
Petroleum Resources	L.R. Laceby	880 Bay St. ... 1062
Cartography Section	J.G. Pound, Spvr	W-2609 4743
Supervisory Cartographers	F.W. Dawson	W-2617 1822
	B. Jackson	W-2615 1208
	D.W. Robeson	W-2617 1823
Ontario Geographic Names Board	M.B. Smart, Exec. Secy. ...	W-6606 6515
Toponymist	P.J. Roulston	W-6606 6515
Ontario Centre for Remote Sensing		
Associate Director	V. Zsilinszky	801 Bay St. ... 8411
Research and Training	S. Palabekiroglu	8411
Applications	D. Bates	8411
Technology	W.E. Jenns	8411
Research Forestry	A. Boissonneau	8411
Research Engineering	C.W. Graham	8411
Geotechnical Specialist	G.R. Lawrence	8411
Environmental Specialist	A.P. Jano	8411
Ontario Land Inventory	T.J. Ellis	8411
	J. Watts	8411

LAND USE CO-ORDINATION BRANCH

Room W-1411, Main Office. Telephone (416) 965-2899.

Branch Director	R.J. Burgar	W-1411 2899
Land Use Planning Section	M.S. Millar, Spvr	W-1412 2899
Project Planner	J.R.M. Williams	W-1412 2899
Lake Planning	N.C. Gordon	W-1412 2899
Land Use Liaison Section	E.M. Cressman, Spvr	W-1410 2899
Plan Review Section	D.J. Johnstone, Spvr	W-1411 5344
Local Plan Analyst	Mrs. J.E. Cornies	W-1411 5344
Environmental Analyst	B.B. Benson	W-1509 5344
Special Projects Section	E.F. Anderson, Spvr	W-1636 5344

PLANS REVIEWED — in years ending March 31

Year	Specific Development Plans			Design for Development	Official Plans Amendments Zoning By-Laws
	Subdivision	Severance	Other		
1973	698	60	20	...	113
1974	1,053	838	157	...	192
1975	936	1,779	277	...	355
1976	1,324	2,149	687	5	601
1977	983	3,839	1,053	...	818

PLANNING PROJECTS — in years ending March 31

Year	Ministry Plans	Cottage Lots Planned	Other Ministries & Agencies Plans	Municipal Plans
1974	17	.....	39	29
1975	74	.....	78	123
1976	27	1,091	113	73
1977	19	1,063	96	69

FIELD SERVICES DIVISION

Room W-5615, Main Office.

Telephone (416) 965-2781.

Executive Director	W.G. Cleaveley	W-5615 2781
Administration	T.M. Van Dusen	W-5617 2781
Office Manager	P.A. Steven	W-5619 2781
Program Analyst	W.H. Bookbinder	W-5614 2781

FOREST FIRE CONTROL BRANCH

Room W-5607, Main Office.

Telephone (416) 965-2781.

Branch Director	W.L. Sleeman	W-5607 2781
Fire Control Section	J.F. Goodman, Spvr	W-5605B .. 2781
Provincial Fire Operations	J.D. Walker, Spvr	W-5602 2781
Project Management	R.J. Drysdale, Spvr	W-5613 2781
Fire Management		
Educational Co-ordinator	R.B. Little	W-5602 2781
Communications	J. Azevedo	W-5606 2781
Flight Ops Officer, Malton Airbase	W.C. Clarke	(416) 248-3487

FOREST FIRE RECORD

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1917	\$ . . . . .	\$ . . . . .	. . . . .	. . . . .	384,164	1,110	346
1918	. . . . .	. . . . .	. . . . .	. . . . .	30,172	965	31
1919	. . . . .	. . . . .	. . . . .	. . . . .	922,161	1,780	518
1920	. . . . .	. . . . .	. . . . .	. . . . .	358,851	1,287	279
1921	. . . . .	. . . . .	. . . . .	. . . . .	749,534	1,269	591
1922	. . . . .	. . . . .	. . . . .	. . . . .	346,193	1,021	339
1923	. . . . .	. . . . .	. . . . .	. . . . .	2,120,148	1,343	1,579
1924	. . . . .	. . . . .	. . . . .	. . . . .	146,017	851	171
1925	. . . . .	. . . . .	. . . . .	. . . . .	189,543	1,149	165
1926	. . . . .	. . . . .	65,888	22,486	88,374	1,110	80
1927	. . . . .	. . . . .	22,772	12,970	35,742	924	39
1928	. . . . .	. . . . .	96,436	3,947	100,383	536	187
1929	. . . . .	. . . . .	608,750	16,893	625,643	1,550	404
1930	. . . . .	. . . . .	357,531	354,278	711,809	1,402	508
1931	. . . . .	. . . . .	105,866	32,421	138,287	1,851	75
1932	. . . . .	. . . . .	626,555	52,466	679,021	2,073	328
1933	. . . . .	. . . . .	325,034	24,924	349,958	1,919	182
1934	. . . . .	. . . . .	160,348	38,285	198,633	1,568	127
1935	. . . . .	. . . . .	183,179	67,483	250,662	1,309	191
1936	. . . . .	. . . . .	1,153,876	110,557	1,264,433	2,264	558
1937	. . . . .	. . . . .	201,887	22,859	224,746	1,453	155
1938	. . . . .	. . . . .	96,168	42,077	138,245	1,292	107
1939	. . . . .	. . . . .	26,089	3,009	29,098	961	30
1940	. . . . .	. . . . .	100,990	20,624	121,614	1,014	120
1941	. . . . .	. . . . .	271,793	394,754	666,547	1,265	527
1942	. . . . .	. . . . .	77,709	36,007	113,716	1,224	93
1943	. . . . .	. . . . .	33,465	19,352	52,817	624	85
1944	. . . . .	. . . . .	73,228	95,663	168,891	1,137	149
1945	. . . . .	. . . . .	17,997	30,513	48,510	966	50
1946	. . . . .	. . . . .	44,656	32,113	76,769	1,739	44
1947	. . . . .	. . . . .	38,093	45,939	84,032	1,393	60
1948	. . . . .	. . . . .	854,778	162,611	1,017,389	2,036	500
1949	. . . . .	. . . . .	40,593	19,472	60,065	1,834	33
1950	55,148	103,682	13,203	23,577	36,780	985	37
1951	389,447	56,389	96,662	4,581	101,243	904	112
1952	29,504	31,347	7,264	5,157	12,421	1,095	11
1953	393,874	81,778	44,519	14,290	58,809	1,520	39
1954	406,241	15,650	36,115	18,578	54,693	881	62
1955	3,591,680	184,940	370,948	25,475	396,423	2,252	176
1956	3,068,152	22,319	221,822	4,390	226,212	1,017	222
1957	463,059	113,751	24,250	22,401	46,651	1,671	28
1958	311,503	97,036	25,544	11,108	36,652	1,558	24
1959	22,041	20,757	2,580	2,701	5,281	1,029	5
1960	438,094	56,442	29,190	2,196	31,386	956	33
1961	31,989,802	152,638	1,180,900	3,828	1,184,728	1,305	908
1962	74,748	99,165	7,583	6,221	13,804	1,521	9
1963	706,888	39,932	40,692	15,446	56,138	1,885	30

Year	Damage	Private Property Damage	Number of Acres Burned Over			Number of Fires	Acres Per Fire
			Crown	Private	Total		
1964	\$ 500,296	\$ 19,792	22,463	5,661	28,124	1,829	15
1965	386,850	254,105	14,995	4,909	19,904	1,218	16
1966	71,521	49,457	8,453	5,962	14,415	1,921	8
1967	1,353,919	87,638	58,733	4,769	63,502	1,465	43
1968	4,174	54,146	2,665	6,796	9,461	1,219	8
1969	134,756	4,623	4,481	1,653	6,134	901	7
1970	1,323,041	28,815	.....	.....	56,160	1,239	45
1971	462,064	75,875	.....	.....	36,199	1,790	20
1972	1,081,876	47,446	.....	.....	79,145	1,604	49
1973	11,944	121,900	5,973	2,940	8,913	1,111	8
1974	12,063,428	239,384	1,291,473	3,327	1,294,800	1,625	797
1975	683,726	340,414	27,740	13,911	41,651	3,146	13
1976	26,839,738	930,514	1,325,791	18,726	1,344,517	3,985	337

1976 FOREST FIRES

District	Acres Burned Over	Number of Fires	Acres Per Fire	Months	Acres Burned Over	Number of Fires	Acres Per Fire
Dryden	3,891.4	189	20.6	March	4.0	1	4.0
Fort Frances ..	2,286.0	128	17.9	April	2,602.8	214	12.2
Ignace	124,842.2	121	1,031.8	May	303,268.1	460	659.3
Kenora	51,948.6	385	134.9	June	723,390.5	670	1,079.7
Red Lake	250,582.5	303	827.0	July	134,700.8	550	244.9
Sioux Lookout	457,148.3	232	1,970.5	August	178,329.1	1,473	121.1
				September	1,211.8	517	2.3
Atikokan	1,567.1	141	11.1	October	705.4	90	7.8
Geraldton	396,832.1	120	3,306.9	November	304.8	10	30.5
Nipigon	1,014.5	160	6.3	Total	1,344,517.3	3,985	337.4
Terrace Bay ...	92.6	56	1.7				
Thunder Bay ..	5,525.5	272	20.3				
White River	2,102.7	41	51.3				
Chapleau	839.4	137	6.1				
Cochrane	26,045.5	49	531.5				
Gogama	502.0	50	10.0				
Hearst	6,454.0	36	179.3				
Kapuskasing ..	195.4	25	7.8				
Kirkland Lake .	1,324.0	68	19.5				
Moosonee	571.6	6	95.3				
Timmins	276.2	27	10.2				
Blind River	191.9	144	1.3				
Espanola	72.6	53	1.4				
North Bay	605.0	111	5.5				
Sault Ste.							
Marie	772.3	163	4.7				
Sudbury	926.5	371	2.5				
Temagami	5,089.6	73	69.7				
Wawa	807.7	146	5.5				
Algonquin							
Park	826.6	49	16.9				
Bancroft	92.5	25	3.7				
Bracebridge ...	102.9	30	3.4				
Minden	344.0	44	7.8				
Parry Sound ...	126.9	67	1.9				
Pembroke	164.6	70	2.4				
Lanark	34.5	13	2.7				
Tweed	312.2	60	5.2				
Huronina .....	.4	4	.1				
Lindsay	2.5	7	.4				
Niagara .....	...	..	..	
Owen Sound ..	3.0	9	.3				
Total	1,344,517.3	3,985	337.4				

DETECTION OF FOREST FIRES

Agencies of Detection	1969	1970	1971	1972	1973	1974	1975	1976
Towers	190	210	287	129	12	8	6	5
Ministry Aircraft	96	195	308	395	176	406	1,003	1,294
Total Organized Dtn	286	405	592	524	188	414	1,009	1,299
Public	579	711	1,098	909	852	1,093	1,876	1,948
Other Aircraft	36	123	100	171	71	118	261	738
Total Random Dtn	615	834	1,198	1,080	923	1,211	2,137	2,686
Total Fires	901	1,239	1,790	1,604	1,111	1,625	3,146	3,985
%age, Organized Dtn	33	25	33	33	17	25	32	33

SIZES OF FOREST FIRES

Area Burned Over	1969	1970	1971	1972	1973	1974	1975	1976
Up to 1/4 Acres	474	645	894	703	523	711	1,426	1,957
Over 1/4 to 10 Acres	383	508	755	757	534	713	1,444	1,625
Over 10 to 100 Acres	36	61	108	97	43	112	222	224
Over 100 to 500 Acres	6	11	17	26	6	29	39	78
Over 500 Acres	2	14	16	21	5	60	15	101
Total Fires	901	1,239	1,790	1,604	1,111	1,625	3,146	3,985

PROSECUTIONS

Actions re Forest Fires	1969	1970	1971	1972	1973	1974	1975	1976
Prosecutions	34	18	63	50	32	68	67	103
Convictions	29	16	55	43	29	56	57	81

CAUSES OF FOREST FIRES — I

GENERAL CAUSES	1969	1970	1971	1972	1973	1974	1975	1976
Recreation	256	363	702	346	357	412	966	816
Resident	128	150	192	206	164	223	281	251
Incendiary	9	21	27	29	25	19	43	55
Railways	78	125	152	175	149	158	288	359
Industry (Forest)	7	3	24	13	13	17	38	33
Industry (Other)	21	20	49	35	30	22	54	32
Miscellaneous (Known)	191	140	282	252	165	177	353	281
Unknown	9	14	23	20	35	51	80	72
Lightning	202	403	339	528	173	546	1,043	2,086
Total Fires	901	1,239	1,790	1,604	1,111	1,625	3,146	3,985

CAUSES OF FOREST FIRES — II

SOURCE OF IGNITION	1969	1970	1971	1972	1973	1974	1975	1976
Smoking Materials	212	250	405	263	242	264	532	410
Camp Fires	139	164	357	155	168	184	484	403
Matches	65	78	140	146	88	120	234	240
Fireworks	18	10	30	32	2	2	3	1
Explosives	1	...	...	4	1	1	3	1
Fusee	8	6	10	13	7	19	10	10
Prescribed Burning	1	2	...	1	0	3	1	1
Dump Ashes, Coals	3	2	4	3	3	7	13	9
Burning Grass	32	39	50	45	58	74	100	61
Burning Brush	23	19	34	32	28	30	49	59
Burning Rubbish	31	42	33	37	32	50	61	44
Burning Garbage Dump	24	15	41	35	24	29	48	68
Burning Bulldozed Pile	1	...	3	5	0	3	3	9
Burning Sawdust Pile .....	...	1	3	...	3	1	6	2
Burning Ties	1	...	4	...	4	6	8	19
Burning Right of Way	6	7	21	14	3	5	11	5
Locomotive, Diesel	21	50	27	13	26	7	66	56
Locomotive, Steam .....	...	...	...	...	0	...	1	—
Brake Shoe	34	45	90	117	87	90	162	192
Hot Box .....	...	2	...	2	7	3	6	8
Power Saw	3	1	3	3	1	4	5	11
Mechanical Equipment	7	8	17	18	17	25	35	37
Power Line (Short)	13	19	24	22	18	18	29	23
Sparks from Chimney	1	2	5	3	1	3	6	4
Sparks from Burner	1	3	2	5	2	5	1	—
Structural Fires	14	19	27	18	12	11	22	16
Miscellaneous (Known)	13	8	24	18	18	22	50	59
Unknown	27	44	97	73	86	93	154	152
Lightning	202	403	339	527	173	546	1,043	2,085
Total Fires	901	1,239	1,790	1,604	1,111	1,625	3,146	3,985

CAUSES OF FOREST FIRES — III

RESPONSIBLE GROUPS	1969	1970	1971	1972	1973	1974	1975	1976
RECREATION								
Fishermen	118	113	284	137	137	125	271	254
Hunters	15	12	35	20	28	13	75	73
Canoeists	10	13	38	10	14	20	68	45
Campers	30	37	87	38	40	52	171	114
Picnickers	10	15	20	6	9	13	18	21
Berry Pickers	23	85	55	18	58	88	172	147
TRAVELLERS								
Car Passengers	79	61	95	102	59	67	159	87
Hikers	27	27	74	26	21	29	66	51
Train Passengers	1	3	3	1	1	1	4	5
Guided Parties .....	...	1	...	...	0	1	2	—
RESIDENTS								
Farmers	14	11	29	24	14	18	37	30
Rural Residents	53	81	65	106	105	142	156	136
Urban Residents	8	4	15	13	11	9	14	13
Private Cottagers	33	23	40	33	24	39	58	48
Resort Owners .....	...	4	3	2	5	1	6	3
Indians (on Reserves)	7	7	14	13	4	10	14	47
VOCATION								
Trappers	4	...	1	...	1	...	...	1
Prospectors	1	...	2	3	3	2	3	1
Timber Cruisers .....	...	...	...	...	0	...	...	1
Survey Parties	1	...	1	...	0	...	1	2
Military	1	...	1	1	0	1	...	1
EMPLOYEE OFF—								
Woods Industry	5	4	18	16	12	17	30	26
Mining	2	1	4	...	8	3	3	—
Pipeline .....	...	...	17	1	1	...	...	—
Hydro	5	11	10	11	7	4	11	11
Telephone .....	...	...	...	1	0	...	...	—
Highway or Road	4	4	2	3	1	2	5	6
R.R. Section Crew	6	6	15	18	6	15	15	34
R.R. Train Crew	63	103	125	141	135	127	241	273
R.R. Work Crew	5	8	5	6	7	9	11	31
Other Industry	4	7	10	8	5	5	25	9
Natural Resources	2	3	6	4	2	8	10	13
Other Prov Government .....	...	...	...	1	1	...	...	1
Federal Government	1	...	...	...	1	1	...	—
Municipality	2	1	1	6	3	2	4	2
MISCELLANEOUS								
Children	85	99	202	164	100	111	187	172
Youth Camps	3	1	4	1	1	...	5	—
Miscellaneous (Known)	34	30	72	37	25	35	71	64
Unknown	43	61	98	106	84	108	190	177
Total Man-Caused Fires	699	836	1,451	1,077	938	1,078	2,103	1,899
Percentage of All Fires	78	67	81	67	84	66	67	48

FIELD SERVICES DIVISION

AIR SERVICE BRANCH

Box 310, Sault Ste. Marie, Ont. P6A 5L8.		Telephone (705) 942-1800, Telex 067-77212	
Branch Director	T.C. Cooke	1800	
Chief Pilot	W.K. Warner	1800	
Maintenance Superintendent	C.E. Whittington	1800	
Production Control Supervisor	A.I. Elliott	1800	
Quality Control Inspector	D.J. Moffatt	1800	
Purchasing Officer	H.J. McMillan	1800	
Administration Supervisor	P.F. Yade	1800	

Year	Fire		Fish and Wildlife	Inter-				Mercy		Total		
	Ranging	Timber		Surveys	Lands	Parks	Research	Hinistry	Photo		Flights	Misc
1956	11,396	835	2,333	128	181	...	192	458	130	55	2,077	17,785:10
1957	5,347	986	2,289	72	180	...	199	384	148	34	2,053	11,692:20
1958	5,652	801	2,837	23	190	310	212	327	24	44	2,086	12,506:20
1959	4,275	876	3,615	15	200	272	189	421	...	39	2,376	12,277:35
1960	4,053	883	3,569	11	209	345	228	475	...	42	2,169	11,984:00
1961	4,914	965	3,455	4	267	255	200	470	...	72	1,967	12,568:30
1962	7,130	799	3,628	...	260	266	170	370	...	33	1,830	14,485:45
1963	4,169	923	3,862	...	230	386	201	454	...	20	2,297	12,541:45
1964	5,837	1,125	3,876	8	301	476	205	560	...	24	2,389	14,801:00
1965	4,467	1,267	3,579	...	271	347	239	350	...	25	2,702	13,247:15
1966	3,243	1,088	3,443	...	418	282	255	396	...	22	3,603	12,750:00
1967	4,148	1,267	3,762	...	470	298	364	562	...	25	3,857	14,752:40
1968	4,250	1,219	4,076	...	459	568	322	622	...	17	4,272	15,805:10
1969	2,095	1,335	3,988	...	544	571	454	896	...	13	4,560	14,456:05
1970	2,825	1,473	4,324	...	678	728	470	977	...	116	4,206	15,797:05
1971	2,702	1,470	3,940	...	699	861	326	1,830	...	99	3,820	15,746:55
1972	2,897	1,191	3,635	...	762	760	272	1,983	...	42	4,353	15,895:05
1973	2,354	1,110	3,542	43	1,005	930	291	1,805	365	42	3,064	14,551:15
1974	4,355	70	4,057	440	778	777	115	1,930	...	81	1,430	14,033:6
1975	5,840	59	3,384	412	631	850	...	1,162	...	41	3,076	15,455:2
1976	5,204	1,354	3,901	195	709	884	77	1,689	490	66	2,404	16,972:7
1977	6,611	994	3,418	181	628	571	506	1,400	463	46	3,003	17,820:8
1924-77												
Total	225,804	31,422	93,572	1,934	11,387	10,737	8,116	21,341	4,018	1,734	157,469	567,534.5

AIR SERVICE SUMMARY — II — in years ending March 31

Year	Mercy Flights	Passengers Carried	Flight Crew	Loads Carried	
				Tons	Pounds
1967	17	31,013	5,689	6,600	64
1968	15	32,388	6,376	8,736	1,856
1969	13	32,062	6,154	5,713	1,706
1970	22	36,080	24,503	6,625	531
1971	60	36,589	24,410	8,892	1,026
1972	26	33,735	23,248	14,904	99
1973	28	32,050	22,418	13,568	1,880
1974	41	31,900	22,346	8,023	1,922
1975	19	26,558	17,156	12,686	1,531
1976	27	30,497	6,834	10,765	515
1977	22	29,756	7,327	21,965	1,732
1924-77					
Total	502	1,033,705	357,728	225,655	3,682

FIELD SERVICES DIVISION

ENGINEERING SERVICES BRANCH

Room W-5620, Main Office.

Telephone (416) 965-1271.

Branch Director	S.B. Panting	W-5620A ...1271
Audit and Design	R.M. Odell	W-5629 .....1271
Fleet and Equipment Management	J.E. Branchaud	W-5631 .....1271
Roads Co-ordinator	G.E. Holman	W-5620 .....1271
Water Management	T.M. Kurtz	W-5625A ...1271
Special Services	R.A. Weir	W-5623 .....1271

VEHICLES AND EQUIPMENT IN SERVICE — in year ending March 31, 1976

Type	Fixed Complement	*Number in Operation
Sedans	245	287
Station Wagons	80	87
Pick-Ups	659	752
Pick-Ups 4 × 4	92	114
Crew Cabs	68	83
Suburban Travelall	25	33
Crew Cabs 4 × 4	42	48
Suburban Travelall 4 × 4	59	61
Passenger Vans	78	85
Cargo Vans	24	30
10,000 GVW Trucks	92	97
10,000 GVW (Garbage Packers)	15	15
15,000 GVW Trucks	10	12
19,000 GVW Trucks	71	74
19,000 GVW Trucks 4 × 4	3	3
24,000 GVW Trucks	59	64
27,000 GVW Trucks	35	35
34,000 GVW Trucks	3	3
34,000 GVW (Garbage Packers)	3	3
34,000 GVW Tractors	1	1
54,000 GVW Tandem Trucks	2	2
10,000 GVW Trucks c/w 30' aerial bucket	1	1
24,000 GVW Trucks c/w 50' aerial bucket	1	1
50,000 GVW Equipment Float	1	1
Passenger Buses	13	17
TOTAL	1,682	1,909
Snowmobiles	525	616
Motorcycles	28	28
Tractors & ATV	308	330
Trailers (boat and equipment)	835	835
Trailers (refrigerated semi-trailers)	20	20

* Number includes replacements and vehicles to be disposed of.

CONSERVATION AUTHORITIES BRANCH

Room W-5501, Main Office.

Telephone (416) 965-6285

Branch Director	A.H. Peacock	W-5501	6287
Secretary	Mrs. U.A. deCordova	W-5501	6287
Asst. Director, Policy Development	D.M. Wood	W-5501	6285
Water Planning & Engineering	G.S. Sardesai	W-5501	6281
Land Management Planner	S.A. Mathewson	W-5501	6286
Hydraulics Policy Specialist	L.J. Balogh	W-5501	6281
Hydrology Specialist	J.Y. Ding	W-5502	6220
Conservation & Recreation Policy	Mrs. S. Shaw	W-5501	6281
Asst. Director, Programming	J.S. Anderson	W-5501	6294
Financial Services	R.F. McDougal, Co-ord	W-5414	7694
Conservation & Rec Land Mgmt.	R.J. Dickie, Co-ord.	W-5501	6281
Water Mgmt. & Programming	R.B. Chang, Co-ord.	W-5501	6295
Hydraulics Specialist	K. Nitta	W-5501	1998
Hydrometeorologist	W.C. Thompson	W-5502	6292
Library	Miss A. Perrigo	W-5635	4481
Administrative Support Services	Mrs. D. Green, Spvr	W-5501	6270

GRANTS TO CONSERVATION AUTHORITIES

Conservation Authorities				
In year ending	Sundry	Dam	Niagara	Guelph
March 31, 1977	Capital	Maintenance	Escarpment	Reservoir
	\$	\$	\$	\$
Ausable Bayfield	2,210.59	2,652.77	.....	.....
Cataraqui Region	29,213.16	2,880.19	.....	.....
Catfish Creek	59.15	.....	.....	.....
Central Lake Ontario	23,498.87	.....	.....	.....
Credit Valley	9,618.95	3,050.87	.....	.....
Crowe Valley .....	.....	2,709.21	.....	.....
Essex Region	1,817.70	1,329.92	.....	.....
Ganaraska Region .....	.....	498.00	.....	.....
Grand River	119,574.77	148,612.87	.....	702,120.99
Halton Region	2,872.50	43,812.01	.....	.....
Hamilton Region	22,273.82	14,845.27	301,629.91	.....
Kettle Creek	53,450.76	114.13	.....	.....
Lakehead Region	1,418.99	.....	.....	.....
Long Point Region	3,926.04	2,575.36	.....	.....
Lower Thames Valley	12,506.76	1,095.38	.....	.....
Lower Trent Region .....	.....	1,087.03	.....	.....
Maitland Valley	16,697.71	2,237.07	.....	.....
Mattagami Region .....	.....	1,230.34	.....	.....
Metro Toronto and Region	145,221.35	75,652.32	.....	.....
Mississippi Valley	5,516.93	2,500.00	.....	.....
Moira River .....	.....	3,465.35	.....	.....
Napanee Region .....	.....	1,788.48	.....	.....
Niagara Peninsula	10,897.85	3,918.17	49,207.41	.....
Nickel District	4,340.69	1,154.36	.....	.....
North Bay—Mattawa .....	.....	.....	.....	.....
North Grey Region	117,476.47	9,880.13	27,375.00	.....
Nottawasaga Valley	167.80	44,378.94	.....	.....
Otonabee Region	628.96	7,549.87	.....	.....
Prince Edward Region	2,221.40	1,882.81	.....	.....
Raisin Region	9,349.41	604.89	.....	.....
Rideau Valley	3,276.29	385.80	.....	.....
Sauble Valley	1,123.69	1,023.66	493.87	.....
Saugeen Valley	55,622.42	11,009.03	.....	.....
Sault Ste. Marie Region .....	.....	4,941.01	.....	.....
South Lake Simcoe	47,354.42	11,917.89	.....	.....
South Nation River	14,118.94	.....	.....	.....
St. Clair Region	729.55	1,851.64	.....	.....
Upper Thames River	1,077.12	74,336.21	.....	.....
TOTAL	718,263.06	486,970.98	378,706.19	702,120.99

UNDER THE CONSERVATION AUTHORITIES ACT

Lake Ontario Waterfront	Conservation Areas	Provincial Water Control	Administration	Total
\$	\$	\$	\$	\$
.....	105,660.83	80,045.58	112,654.79	303,224.56
.....	53,556.80	597,271.28	68,221.78	751,143.21
.....	14,355.27	4,611.93	21,737.61	40,763.96
.....	245,833.62	22,367.98	119,200.00	410,900.47
561,280.59	167,764.77	295,036.76	189,279.64	1,226,031.58
.....	23,103.35	39,199.71	25,935.08	90,947.35
.....	33,180.12	121,431.13	63,554.22	221,313.09
.....	123,694.49	63,826.56	45,651.52	233,670.57
.....	482,067.41	1,281,893.05	744,719.99	3,478,989.08
.....	209,696.42	3,078,829.53	306,229.49	3,641,439.95
.....	429,866.29	43,022.11	215,412.78	1,027,050.18
.....	58,615.84	15,567.52	38,655.75	166,404.00
.....	38,120.55	51,078.09	81,116.51	171,734.14
.....	147,973.26	21,644.23	92,553.56	268,672.45
.....	138,762.66	262,023.08	110,780.97	525,168.85
.....	262,558.65	31,983.03	52,416.98	348,045.69
.....	73,697.61	205,097.71	86,859.76	384,589.86
.....	887.12	136,728.13	47,651.71	186,497.30
966,193.89	124,483.46	1,482,624.03	915,000.00	3,709,175.05
.....	15,202.71	57,734.91	78,000.00	158,954.55
.....	179,066.12	268,585.62	57,639.58	508,756.67
.....	65,187.61	57,449.11	52,950.30	177,375.50
.....	157,369.79	95,526.13	147,133.24	464,052.59
.....	5,436.11	159,502.71	81,844.54	252,278.41
.....	33,272.79	4,025.74	36,003.98	73,302.51
.....	73,894.15	48,368.56	75,839.39	352,833.70
.....	31,294.42	507,526.94	65,147.53	648,515.63
.....	138,933.15	7,483.27	93,224.86	247,820.11
.....	24,578.57	79,648.65	42,709.75	151,041.18
.....	112,910.86	61,172.51	25,502.00	209,539.67
.....	39,232.36	232,816.05	104,445.84	380,156.34
.....	76,374.43	3,911.50	40,357.81	123,284.96
.....	141,657.61	58,811.59	105,256.21	372,356.86
.....	85,673.69	112,720.52	34,800.00	238,135.22
.....	60,110.72	148,358.23	118,417.97	386,159.23
.....	.....	231,695.16	21,946.12	267,760.22
.....	318,234.46	522,736.93	110,612.04	954,164.62
.....	132,118.22	408,548.17	163,683.56	779,763.28
1,527,474.48	4,424,426.29	10,900,903.74	4,793,146.86	23,932,012.59

GRANTS TO CONSERVATION AUTHORITIES — in years ending March 31

Year	Adminis- tration	Conservation Areas	Niagara Escarpment	Lake Ontario Waterfront	Guelph Reservoir	Dam Operation	Water Control	Conservation Services and Sundry Capital	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$
1970	1,851,105	2,619,771	401,981	.....	.....	233,605	5,946,453	.....	11,052,915
1971	2,048,522	2,638,276	804,763	824,816	.....	177,940	5,936,613	.....	12,430,930
1972	2,424,768	2,790,100	548,792	659,311	.....	232,774	10,704,795	.....	17,360,540
1973	2,819,126	8,745,435	1,859,027	1,815,510	.....	284,221	11,494,112	826,484	27,843,915
1974	3,662,779	5,633,247	1,319,789	5,095,996	.....	264,813	11,706,636	592,866	28,276,126
1975	4,151,100	6,523,658	1,447,639	2,550,410	5,512,701	414,369	10,059,898	739,961	31,399,736
1976	4,793,147	4,424,426	378,706	1,527,474	702,121	486,971	10,900,904	18,263	23,932,012

FINANCE AND ADMINISTRATION DIVISION

Room W-6314, Main Office.

Telephone (416) 965-6147.

Executive Director	G.D. Spry	W-6314 6147
Program Analysis Co-ordinator	M.W. Cox	W-6310 4218
Program Analyst, Land & Waters	L. Bailey	W-6310 4218
Program Analyst, Resources & Recreation	G.E. Doan	W-6319 4218
Program Analyst, Finance & Administration	G.M. Powers	W-6310 4218
Systems Co-ordinator	G.M. Longley	W-2506 5674

FINANCIAL MANAGEMENT BRANCH

Room W-4324, Main Office.

Telephone (416) 965-2761.

Branch Director	A.C. Goddard	W-4324 2761
Budget Section	M.J. Churchill	W-4322 1895
Finance & Cost Analyst	E.E. Bayer	W-4331 2761
Financial Methods Section	C.K. Moulson	W-4406 1218
Chief Accountant	W.A. Brown	W-4328 2761
Accounts Payable Section	J.T. Tunnicliff	W-4319 2764
Accounting Claims, Special Assignments	F.G. DaSilva	W-4331 2761
Financial Reporting Section	F.S. Bumstead	W-4301 7668
Payroll Section	K.D. Plouffe	W-4407 2766
Chief Officer—Revenue	(vacant)	W-4323 2761
Fish & Wildlife Licence Issuing Section	F.J. Bailes	W-4307 2814
Mining Revenue	K.H. Stahl	W-1413 1314
Revenue Accounts & Security Deposits Sec. ...	F.J. Morrell	W-5402 2770
Revenue Receiving Section	I.W. Dewell	W-4335 4451

REVENUE AND EXPENDITURES* — in years ending March 31

CASH RECEIPTS				CASH DISBURSEMENTS		
Year	Ordinary	Fixed Assets	Total General Revenue	Ordinary	Capital	Total General Expenditure
	\$	\$	\$	\$	\$	\$
1964	22,584,169	640,057	23,224,226	27,815,029	3,557,125	31,372,154
1965	23,373,311	768,852	24,042,163	28,667,274	1,562,776	30,230,050
1966	25,513,416	822,939	26,336,355	28,528,700	3,893,760	32,422,460
1967	26,288,442	1,129,352	27,417,794	36,307,310	5,905,588	42,212,898
1968	28,755,044	1,225,300	29,980,344	42,807,111	8,006,755	50,813,866
1969	32,291,089	1,488,316	33,779,405	48,375,965	10,343,575	58,719,540
1970	37,550,207	**1,968,479	39,518,686	.....	.....	†61,452,671
1971	38,441,964	1,415,841	39,857,805	.....	.....	71,501,138
1972	31,759,228	464,038	32,223,266	.....	.....	92,486,312
1973	.....	.....	††55,161,863	.....	.....	138,797,387
1974	.....	.....	††89,660,894	.....	.....	158,627,096
1975	.....	.....	††201,149,345	.....	.....	190,475,669
1976	.....	.....	††128,404,521	.....	.....	207,981,417
1977	.....	.....	††109,345,882	.....	.....	239,442,268

*Revenue and expenditure for 1973 includes Conservation Authorities Branch, Historical Sites Branch, Department of Lands and Forests, Department of Mines and Northern Affairs, and the St. Lawrence Parks Commission. Prior years' revenue and expenditure cover the Department of Lands and Forests only.

**Prior years designated as Capital Receipts.

†Expenditures designated as Ordinary and Capital in prior years.

††Receipts designated as Ordinary and Fixed Assets in prior years.

TIMBER REVENUE — in year ending March 31

Year	*Stumpage Charges	**Manage- ment Charges	Forest Protection Charges	Cash Deposits & Refunds	Logging Rds Const. Costs	Royalty Game	Agreement Forest	Federal Agreement	Misc.	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1973	13,219,732	146,230	1,900,485	30,467	237,716	188,984	120,181	334,932	28,165	16,145,958
1974	14,608,689	143,352	1,872,543	29,454	216,587	247,682	196,070	145,562	21,883	17,422,914
1975	19,990,207	133,588	1,837,245	14,609	24,396	310,967	215,046	695,063	25,517	23,217,421
1976	23,518,056	180,534	2,416,564	C. . . .	317,610	284,203	123,309	314,113	55,208	27,209,597
1977	25,923,527	(a)	1,883,792	. . . .	(b)	432,988	206,150	406,922	93,673	28,947,052

LANDS REVENUE — in years ending March 31

Year	Crown Land Sales	Crown Land Rentals	Park Rentals and Fees+	Pits & Quarries Licences	Land Acquisition	Land Use Permits	Misc.	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1973	159,234	384,238	26,525	33,550	7,009	270,459	12,113	893,128
1974	1,334,071	369,970	25,488	58,850	14,415	268,625	12,301	2,083,720
1975	161,522	447,042	31,170	73,625	54,548	296,733	5,381	1,070,021
1976	223,013	546,844	48,597	94,900	39,163	348,108	137,918	1,438,543
1977	966,881	618,509	47,604	89,675	159,515	398,755	34,978	2,315,917

*Heading changed from Crown Dues, March 31, 1976
+ Heading changed from Park Rentals.

**Heading changed from Ground Rent, March 31, 1976.
C. . . . Refunds reported as Charges, April 1, 1975.

(a) Included in Forest Protection Charges March 31, 1977.
(b) Included in Stumpage Charges March 31, 1977.

MINING REVENUE — in years ending March 31

Year	Licences and Permits	Services**	Mining Claims	Sale of Mining Lands	Rentals	Royalties	Taxes	Forfeitures	Laboratory Fees	Rec. of Prior Years Expenditure	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1967	91,800	45,876	506,872	2,781	275,881	428,329	10,851,512	....	120,826	....	12,323,877
1968	77,682	55,844	580,918	11,929	643,733	412,329	16,334,342	....	130,279	....	18,247,056
1969	88,213	63,326	638,096	1,742	657,513	410,507	19,819,810	....	134,064	....	21,813,272
1970	76,884	65,060	700,055	—	707,070	433,642	24,541,463	1,268	129,856	....	26,655,298
1971	90,007	72,466	604,624	—	646,958	538,408	25,441,642	98,814	133,651	....	27,626,570
1972	119,896	51,714	399,156	908	573,951	792,223	13,965,745	5,285	140,500	15,663	16,065,041
1973	93,663	....	338,982	2,635	743,246	720,645	17,018,059	6,710	85,185	92,801	19,101,926
1974	77,530	....	334,526	19,938	858,567	744,462	46,962,605	6,710	107,716	106,554	49,200,608
1975	74,551	....	343,316	1,691	990,396	763,939	152,802,601	4,900	122,902	96,215	155,200,511
1976	88,204	....	347,669	1,517	750,291	836,305	63,081,453	4,350	119,866	180,242	65,409,177
1977	75,420	....	334,256	32,015	656,009	819,967	41,652,820	3,470	98,161	74,595	43,746,713

PROVINCIAL PARKS REVENUE — in years ending March 31

Year	Vehicle Permits	Campsite Permits	Concessions Rental	Historical Sites Lic & Permits	St. Lawrence Lic & Permits	Federal Assistance	Misc	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1967	1,024,315	935,513	105,670	....	....	....	37,998	2,103,496
1968	1,028,405	1,001,079	107,536	....	....	239,410	55,579	2,432,009
1969	553,131	1,648,213	116,283	....	....	....	95,986	2,413,613
1970	609,390	1,937,078	131,033	....	....	361,377	43,349	3,082,227
1971	665,467	2,258,079	157,412	....	....	12,423	21,740	3,115,121
1972	681,836	2,529,344	179,480	....	....	104,467	43,006	3,538,133
1973	708,726	3,265,999	234,632	106,181	1,289,360	*155,789	22,250	5,782,937
1974	759,614	3,605,009	227,827	123,498	1,445,316	....	49,360	6,210,624
1975	693,184	3,743,651	416,110	154,060	1,495,828	*68,882	45,453	6,617,168
1976	726,536	3,997,858	543,654	C & R ...	1,521,710	44,359	18,273	6,852,210
1977	671,464	3,835,840	574,160(c)	C & R	1,398,060	241,060	22,551	6,743,135

*Prior year expenditure.

(c) Includes Frost Centre board and lodging concessions from March 31, 1976

C & R ... Reported by Ministry of Culture and Recreation from April 1, 1975.

Year	Non-Res Angling	Res. P.P. Angling	Resident Angling	Other Fishing	Commercial Fishing	Royalty Fish	Non-Res Hunting	Resident Bear	Resident Deer	Resident Moose
1967	\$ 2,932,274	\$ 38,859	\$	\$ 28,020	\$ 108,092	\$ 724	\$ 1,859,144	\$ 4,066	\$ 546,667	\$ 436,508
1968	2,961,135	39,860	.....	30,977	112,700	1,936	1,896,323	4,821	552,136	464,418
1969	3,218,579	39,999	151,533	28,476	115,815	982	2,105,872	5,710	903,722	725,130
1970	4,247,268	.....	1,660,094	35,164	110,163	767	2,092,522	6,798	870,576	698,139
1971	4,002,435	.....	1,547,161*	22,109	106,568	92	1,874,606	7,588	780,921	786,774
1972	4,221,677	.....	25,031**	53,613	86,480	.....	2,070,790	6,858	752,423	804,679
1973	4,289,712	.....	44,156	53,132	90,218	.....	2,240,435	5,604	788,314	921,024
1974	4,494,915	.....	5,394	55,962	87,824	.....	2,752,935	6,790	797,826	1,134,734
1975	4,680,140	.....	.....	69,308	91,083	.....	2,582,421	7,298	806,438	1,189,524
1976	5,599,835	.....	.....	94,704	89,679	.....	2,004,314	8,023	827,601	1,170,402
1977	5,473,577	.....	.....	102,250	89,917	.....	2,046,136	9,541	787,631	1,182,697

Year	Resident Groundhog	Res (Gun) Hunting	Dog	Trappers	Fur Dealers	Royalty Game	Hunter Exam Fee	Pro Park Hunting	Misc	Total
1967	\$ 39,443	\$ 331,256	\$ 25,934	\$ 31,641	\$ 2,950	\$ 223,867	\$	\$ 27,764	\$ 109,254	\$ 6,746,463
1968	39,776	335,350	25,292	30,433	2,746	218,622	11,649	31,320	***131,521	6,891,015
1969	44,198	913,544	25,305	33,057	2,906	222,626	68,901	31,955	53,078	8,691,388
1970	92,030	899,906	23,874	35,847	2,637	213,364	73,707	29,909	53,452	11,146,217
1971	84,619	912,231	22,741	33,090	2,337	239,154	73,372	33,624	f-313,168	10,842,590
1972	83,582	932,784	21,513	32,982	2,280	194,567	76,253	33,178	147,698	9,496,326
1973	73,186	921,030	21,889	39,727	2,345	.....	81,084	32,189	120,500	9,724,545
1974	67,286	970,532	17,979	45,900	2,230	.(t)..	95,991	31,384	166,718	10,734,400
1975	71,151	947,986	16,708	45,817	2,800	.....	106,614	32,859	117,519	10,767,657
1976	75,331	994,772	16,238	45,705	2,990	.....	113,247	34,295	79,201	11,156,337
1977	81,743	977,262	16,141	51,910	3,565	.....	98,301	36,843	64,752	11,022,066

* Resident Angling Licence discontinued January 1, 1971.

** Refund of prior year's licence fees.

*** Fines included to March 31, 1968: reported after that date by Department of Justice.

f- Includes federal share of loans to commercial fishermen.

(T) Included in Timber Revenue as of April 1, 1973.

OTHER CASH RECEIPTS — in years ending March 31

Year	Provincial Land Tax	Sale of Maps Publications etc.	Flying Fees	Fire Costs Recovered	Nursery Tree Sales	House Rentals
	\$	\$	\$	\$	\$	\$
1967	1,772,838	136,660	31,878	81,667	106,888	....
1968	1,761,796	136,921	38,715	124,489	129,535	....
1969	1,754,617	169,603	44,572	84,249	159,354	....
1970	2,033,837	157,161	67,983	87,512	189,535	....
1971	1,932,379	175,600	65,321	54,589	180,679	....
1972	2,013,687	181,952	74,185	112,198	196,725	....
1973	R	977,647	101,482	180,979	209,552	260,394
1974	.....	1,254,868	53,993	125,277	243,857	271,103
1975	.....	1,440,079	53,010	80,305	200,566	347,971
1976	.....	1,530,779	4,590	295,449	182,157	394,240
1977	.....	1,626,975	2,034	298,653	174,538	352,369

CONSERVATION AUTHORITIES BRANCH REVENUE

— in years ending March 31

Year	Reservoir & Rural Water Supply*	*Flood Control and Water Conservation Projects	Recovery of Prior Year's Expenditure	Total
	\$	\$	\$	\$
1973	226,476	630,054	322,251	1,178,781
1974	330,540	893,799	368,334	1,592,673
1975	501,690	375,339	488,156	1,365,185
1976	500,000	59,784	29,312	589,096
1977	319,681	5,627	55,900	381,208

R — Reported by Ministry of Revenue from April 1, 1973.

* Includes reimbursement of expenditures.

OTHER CASH RECEIPTS — in years ending March 31

Sale of Land & Bldgs	Sale of Van & Eqpt	Agreements		Water Power	Non-recurring Items and Misc	Total
\$	\$	\$	\$	\$	\$	\$
.....	.....	.....	.....	.....	.....	2,129,931
.....	.....	.....	.....	.....	.....	2,191,456
.....	.....	.....	.....	.....	.....	2,212,395
.....	.....	.....	.....	.....	.....	2,536,028
.....	.....	.....	.....	.....	.....	2,408,568
.....	.....	.....	.....	.....	.....	2,578,747
84,572	12,839	15,179	211,737	.....	280,207	2,334,588
21,802	366,613	13,341	14,549	.....	50,853	2,415,955
85,488	9,861	7,650	366,896	.....	319,556	2,911,382
25,757	146,579	19,778	127,598	12,747,346	274,748	15,749,021
24,933	296,483	26,239	266,200	12,988,363	133,004	16,189,791

FINANCE AND ADMINISTRATION DIVISION

INTERNAL AUDIT BRANCH *

Room W-4402, Main Office.

Telephone (416) 965-4087

Branch Director	A.A. Ward	W-4402 .....4087
Main Office		
Audit Manager	D.L. Lay	W-4402 .....4088
Northeastern Audit Section		
875 Queen Street East		
Sault Ste. Marie, P6A 2B3		
Audit Manager	I.C. Livingstone	(705) 942-1418 (IC 842)
Northwestern Audit Section		
Box 5000		
Thunder Bay, P7C 5G6		
Audit Manager	D.A. Dooling	(807) 475-1211 (IC 844)
Southern Audit Section		
c/o District Office		
Maple, L0J 1E0		
Audit Manager	G.C. Bragg	(416) 832-2261 Ext 281

*Established as Branch on September 1, 1976.

FINANCE AND ADMINISTRATION DIVISION

PERSONNEL BRANCH

Room W-1608, Main Office.

Telephone (416) 965-3825.

Branch Director	H.B. Farrant	W-1608 ....3825
Manpower Section	M.K. Szulc	W-1504 ....2707
Manpower Planning	C.H. Bennett	W-1514 ....2707
Staffing	Miss N. Miller	W-1521 ....2707
	Mrs. R. Kelly	W-1522 ....2707
	Mrs. C.M. Dusk	W-1501 ....2707
Staff Development	J. Thorne	W-1414 ....6091
	M.R. Cooper	W-1501 ....6091
Junior Ranger and Youth Programs	M.T. Campbell	W-1502 ....1258
Compensation Section	J.A. Temple	W-1401 ....6091
Personnel Records	Mrs. C. Mahon	W-1332 ....3961
Classifications	Miss L. Flann	W-1332 ....3961
Records	Mrs. D. Schroeder	W-1332 ....3961
Accounting and Benefits	Miss N. Davidson	W-1332 ....3961
Employee Relations	A. Jackel	W-1608 ....3825
	A.J. Bennett	W-1520 ....3825
Women's Co-ordinator	Mrs. E. Rhodes	W-1306 ....3825

STAFF SUMMARY

Staff at March 31	1973	1974	1975	1976	1977
Regular Staff	3,732	3,453	3,305	3,793	3,603
Probationary Staff	256	522	779	256	302
Unclassified Staff	1,349	1,192	1,910	2,309	2,103
Total Staff	5,337	5,167	5,994	6,358	6,008
Main Office Staff	1,788	1,551	1,285	1,258	1,172
Field Office Staff	3,549	3,616	4,709	2,766	2,733
New Employees	318	402	386	356	234
Deceased	6	9	11	15	18
Superannuated	64	71	80	74	84
Transferred	101	30	21	58	112
Resigned	143	197	206	134	131
Dismissed	6	3	1	0	1
Miscellaneous	13	12	25	0	9
Total Separations	333	322	344	281	355
Biologists	92	98	115	111	114
Economists	9	8	8	9	8
Engineers	22	22	24	35	31
Foresters	214	242	240	259	289
Geologists	48	53	58	56	56
Mining Engineers	23	30	32	31	35
Park Planners	17	16	23	26	24
Scientists	46	48	50	59	49
Miscellaneous	89	44	42	43	73
Professional Staff	560	561	592	629	679
Air Engineers	40	39	40	38	37
Cartographers	31	28	28	25	20
Communications Techs.	22	24	34	33	34
Construction Supts.	10	10	11	11	10
Draftsmen	60	63	77	70	50
Geologist Assistants	16	13	14	13	14
Insp. Mining Claims	7	10	6	6	6
Laboratory Techs.	34	32	34	28	22
Mechanics	61	59	54	52	54
Mines Rescue Trg Off	9	9	9	9	10
Mining Recorders	11	9	31	30	6
Northern Affairs Officers ..	33	33	33	32	31
Pilots	41	41	37	36	38
Resource Managers	25	24	25	21	22
Resource Techs.	1,491	1,445	1,512	1,521	1,507
Safety Instruction Off	15	14	13	14	10
Scalers, licensed	989	857	876	872	1,333
Junior Rangers	2,082	1,493	1,618	1,618	1,606

FINANCE AND ADMINISTRATION DIVISION

ADMINISTRATIVE SERVICES BRANCH

Room W-5329, Main Office.

Telephone (416) 965-2711.

Branch Director	J.A. Queen	W-5329 .....2711
Services Section	F.W. Love, Mgr.	W-5326 .....4600
Office Management	H.L. Bembridge, Spvr	W-5334 .....5134
Public Service Centre	Miss M.I. Leuty, Spvr	W-6404 .....6511
Data Processing	R. Khan, Spvr	W-2637 .....0116
General Enquiry (Nat. Resources)		
Whitney Block Information Booth	Mrs. M. Eaton .....	.....2000
Supply Section	R. Armstrong, Mgr	W-5321 .....3317
Purchasing	J. May, Spvr	W-5319 .....1601
Central Supply	R.M. Toms, Spvr	W-5320 .....1601
Records & Forms Management Section	A.J. Lesser, Mgr	W-2506 .....3822
Accommodations Section	G. Laivenieks, Mgr	W-5416 .....4645

FINANCE AND ADMINISTRATION DIVISION

COMMUNICATIONS BRANCH

Room W-3504, Main Office.

Telephone (416) 965-2756.

Branch Director	F. Moritsugu	W-5314A ...3315
Administration Co-ordinator	Mrs. E.H. Brown	W-5309 ....1281
Information and Liaison Section	R.J. Keir, Spvr	W-5314B ...2756
News and Media Co-ordinator	G.E. Mulholland	W-5306 ....2756
Field Liaison Officer	(vacant) .....	.....
Audio Visual and Films Section	L.P. Bondy, Spvr	W-5411 ....2758
Photography	W.G. Lanning, Mgr.	W-5410 ....2758
Special Projects Section	(vacant) .....	.....
Exhibits, CNE Grounds	D. Hendry .....	.....2729
Wildlife Compound, Minesing	J.H. Scott, Curator	(705) 728-4382
Safety Programme Development Section ...	J. Hastings, Spvr	W-5405 ....2735
Libraries		
Resources Library	Mrs. S. Louet	W-4508 ....6310
Mines Library, 77 Grenville St.	Mrs. N. Thurston	812 .....1352
Research Library, Maple	(vacant) (416)	832-2261-293

FINANCE AND ADMINISTRATION DIVISION

LEGAL SERVICES BRANCH*

Room W-6410, Main Office. Telephone (416) 965-2748.

Director	M.S. Smith	W-6410 2748
Solicitors	W.E.D. Peters	W-6401 2748
	W.J. Obelyncki	W-6402 2748
	L.A. Low	W-6409 2749
	D.G. Searle	W-6411 2749
	B.G. Jones	W-6412 2749
	G.L. Carsen	W-6414 2749

LEGISLATION

The Acts administered by the Ministry are grouped below by Divisions.

DIVISION OF LANDS

THE BEDS OF NAVIGABLE WATERS ACT (sometimes referred to as the "Cochrane Act") is declaratory legislation relating to title in the beds of navigable waters. It followed the decision in the 1911 case of Keewatin Power versus The Town of Kenora. By the Act, the beds are deemed not to have passed to the grantee of bordering Crown land in the absence of an express grant.

THE ONTARIO GEOGRAPHIC NAMES BOARD ACT provides for the establishment of a Geographic Names Board for Ontario having the duty to gather information respecting the names of places and geographical features, make recommendations thereon, collaborate with the Canadian Permanent Committee on Geographic Names, and provide information to government departments, etc. The Minister may approve a recommended name and thereupon it shall be used by all government departments and agencies in the preparation of maps and other publications.

THE ONTARIO HARBOURS AGREEMENT ACT, 1962-3, confirms on behalf of Ontario the agreement between Ontario and Canada establishing the harbours which were public harbours at Confederation, providing that mines and minerals therein are administered by Ontario and confirming grants and quit claims listed therein. The federal harbours are Amherstburg, Belleville, Brockville, Chatham, Collingwood, Fort William, Gananoque, Goderich, Kincardine, Kingston, Kingsville, Leamington, Oshawa, Owen Sound, Penetanguishene, Port Arthur, Port Burwell, Port Hope, Port Stanley, Prescott, Rondeau Bay, Sarnia, Sault Ste. Marie, Southampton, Toronto, Whitby and Windsor.

THE PUBLIC LANDS ACT provides for: (1) An Advisory Committee to advise on matters referred by the Minister concerning renewable, natural resources; (2) A Public Agricultural Lands Committee to recommend on agricultural lands and their settlement, replacing the regulations on this subject; (3) The disposition of Crown land for a variety of purposes by sale, lease or licence, and by auction or tender; (4) The management of Crown land by the Department by zoning for land use, setting apart for public use, research etc., and through agreements with municipalities

*Legal Services Branch was transferred to the Ministry of the Attorney General on April 1, 1973, and seconded to the Minister of Natural Resources on the same date.

on beaches and water lots; (5) The administration of roads on Crown lands including the designation of public forest roads and agreements with occupiers of private forest roads respecting the use by the public of private forest roads; (6) The administration and control of the construction and maintenance of dams; (7) The granting of water powers and privileges.

THE SURVEYORS ACT deals with the Association of Ontario Land Surveyors and the rules governing membership and conduct. The Minister or his appointee and the Surveyor-General are members of the Council of Management.

THE SURVEYS ACT defines the system of surveys and the rules for surveyors. The Minister orders surveys made on his volition or upon application to settle disputes or lost lines, etc.; after hearing evidence, he confirms the surveys, with or without amendment. His decision is subject to appeal to a judge of the Supreme Court.

THE NORTH GEORGIAN BAY RECREATIONAL RESERVE ACT, 1962-3 establishes the North Georgian Bay Recreational Reserve and provides for the planning and development thereof and the appointment of a committee to advise the Minister thereon.

THE MINING ACT with respect to: the administration of public lands for mining purposes; the issuing of licences relating to exploration and drilling for, and the production of, minerals and oil and natural gas; the staking and recording of mining claims; and the rights of licensees and lessees under the Act. An acreage tax is levied under this Act. (See under 'Division of Mines'.)

THE BEACH PROTECTION ACT prohibits the removal of sand from the bed, bank, beach, shore or waters of any lake, river or stream in Ontario except under the authority of a licence issued under the Act. Licensees may be required to pay a fixed sum per yard of sand removed from property of the Crown.

THE CANADA COMPANY'S LAND ACT, 1922, empowers the Crown to sell and convey to purchasers of lands from the Canada Company the mineral rights in the lands.

DIVISION OF FORESTS

THE CROWN TIMBER ACT provides for the granting of licences by the Minister to cut Crown Timber on the licensed area when tenders are called, or in a salvage operation, or where the stumpage charges are less than \$2,000.00 or by way of short renewals; and by the Minister, with the approval of the Lieutenant-Governor in Council, in other cases.

In contrast to licensed area, Crown Management Units may be established and agreements entered into for the supply of Crown timber. Under this arrangement, the party to the agreement does not have exclusive rights in a specific area until a license is granted to him to fill his requirements for an operating season.

Basic Crown dues, forest protection charges and management charges are fixed by the regulations.

Other subjects dealt with are: forest management plans and practices; examination of scalers and licensing of scalers; licensing of mills; penalties for wasteful practices, unauthorized cutting, removal of timber before scaling, and other violations; and protection of the Crown's interest through seizure, statutory lien for Crown charges, etc.

THE FORESTRY ACT. Under this Act: (1) The Minister enters into agreements with landowners such as municipalities, conservation authorities and the National Capital Commission (Ottawa) to manage forest lands; (2) Department tree nurseries are established and nursery stock distributed; (3) Private forest reserves are set up on private lands with the consent of the owner.

THE SETTLERS' PULPWOOD PROTECTION ACT provides for the regulation of the sale and of the price of pulpwood cut from settlers' land.

THE SPRUCE PULPWOOD EXPORTATION ACT provides for the exploration (under the authority of an Order-in-Council) of spruce pulpwood from lands granted under special Acts which prohibited such export.

THE TREES ACT provides that, with the Minister's approval, municipalities may pass by-laws restricting and regulating the destruction of trees and appoint enforcement officers. Generally, by by-law, municipalities may acquire land for forestry purposes and enter into agreements for the management of such lands and related matters.

THE WOODLANDS IMPROVEMENT ACT provides for the Minister to enter into agreements with owners of lands suitable for forestry purposes and situate in a private forest management area for the planting of nursery stock or stand improvement.

THE WOODMEN'S EMPLOYMENT ACT authorizes the appointment of inspectors and the making of regulations respecting conditions in lumber camps.

THE WOODMEN'S LIEN FOR WAGES ACT provides a lien and a procedure to enforce such lien for persons performing labour on timber.

THE ALGONQUIN FORESTRY AUTHORITY ACT, 1974, establishes a corporation known as The Algonquin Forestry Authority to harvest Crown timber in Algonquin Provincial Park and public lands adjacent to the park, to sell the logs, and also to carry out such forestry, land management and other programs and projects as the Minister of Natural Resources authorizes.

DIVISION OF FISH AND WILDLIFE

THE ENDANGERED SPECIES ACT, 1971, provides for the conservation, protection, restoration and propagation of species of flora and fauna of the Province of Ontario that are threatened with extinction.

THE GAME AND FISH ACT deals with the management of wildlife resources; game animals; game birds (upland); fur-bearing animals; frogs; and sale and rearing of game fish. The Act relates to: — open seasons for hunting and trapping; bag limits; Crown game preserves; offences and enforcement; the licensing of hunters, trappers, guides, persons operating game bird hunting preserves, and persons selling game fish for stocking and human consumption; the regulating of dogs used in hunting, aircraft transporting hunters, and conduct of hunters (hunter safety); and farmer-hunter relations. The Game and Fish Hearing Board was established under the Act on November 15, 1973.

THE FISH INSPECTION ACT is complementary to the Federal Act.

THE FISHERIES ACT (CANADA). Ontario Fishery Regulations are made under this Act. They relate to open seasons for angling and commercial fishing and the licences required. The form of licences and the fees are a provincial matter and are prescribed under The Game and Fish Act.

THE FISHERIES LOAN ACT provides for loans to persons carrying on the business of commercial fishing or any other business dependant in whole or in part on the taking of fish from waters in which such taking has been prohibited by reason of the contamination of fish resulting from pollution of the water. Provision is made for federal-provincial agreements respecting the sharing of such loans.

THE FRESHWATER FISH MARKETING ACT (ONTARIO) complements the Freshwater Fish Marketing Act (Canada). Through these Acts and the federal-provincial agreement, the Freshwater Fish Marketing Corporation established under the Federal Act is the sole purchaser of commercial fish, as defined in the Federal Act, taken in that part of Ontario designated in the regulations, i.e., that part of Ontario westerly of longitude 86° except the Territorial District of Rainy River but including that part of Lake of the Woods in the Territorial District of Rainy River. Sales to and purchases by persons for their own consumption or for consumption by persons or animals in the course of the purchaser's business are excepted.

THE WILD RICE HARVESTING ACT prohibits the harvesting of rice on Crown land except under the authority of a licence.

THE WOLF DAMAGE TO LIVESTOCK COMPENSATION ACT, 1972, provides for payment of compensation to the owners of livestock killed or injured by wolves.

THE MIGRATORY BIRDS CONVENTION ACT. Open seasons for migratory birds are set under this Act.

DIVISION OF PARKS

THE PROVINCIAL PARKS ACT provides for the establishment of provincial parks and their management and for certain employees having the authority of the O.P.P. in a provincial park. Advisory committees for one or more provincial parks may be appointed by the Minister with the approval of the Lieutenant Governor in Council.

Parks may be classified as a natural environment park, a nature reserve park, a primitive park, a recreational park, a wild river park or otherwise and may be zoned with controlled use in zones.

Mining is prohibited in provincial parks except as provided in the regulations. The regulations on mining were revoked in 1956 but rights and interest existing at that time were preserved.

Hunting is prohibited in provincial parks except as provided in the regulations. This does not

apply to the Townships of Bruton and Clyde (added to Algonquin Provincial Park by a Special Act) and some of the newer parks.

Concession leases are granted under the Act. The Province calls for tenders for building and facilities provided.

Vehicle admission charge is \$1.50 per day or \$15.00 for the season. Campsite charges are \$3.50 per day (\$4.00 with hydro). The seasonal admission is valid for any provincial park or any park of the St. Lawrence Parks Commission. Overnight camping charges are \$2.00 per day or \$20.00 per 16 day period on unorganized campsites in park interiors.

This Act does not apply to any park under the management of the Niagara Parks Commission or the Ontario-St. Lawrence Development Commission.

THE WILDERNESS AREAS ACT was passed on March 26, 1959, to preserve areas having some unique feature. Development or utilization of the natural resources in an area more than 640 acres in size is not affected by this Act.

THE PARKS ASSISTANT ACT provides for the establishment of parks in municipalities or in territory without municipal organization. The Minister may with the approval of the Lieutenant Governor in Council make grants not exceeding 50% of the cost of acquiring land and developing such parks. The parks established under the Act are to be maintained and operated in a manner complementary to provincial parks.

DIVISION OF MINES

THE MINING ACT with respect to the regulation of mining operations conducted within Ontario. (See under 'Division of Lands'.)

THE PITS AND QUARRIES CONTROL ACT, 1971, provides for the regulation of pit and quarry operations in designated parts of Ontario. Operations in designated areas must be licenced under the Act and are subject to periodic review to assure compliance with the provisions of the Act, the regulations and site plan.

THE PETROLEUM RESOURCES ACT, 1971, sets forth licensing requirements for all aspects of exploration, drilling and production and provides for the making of regulations respecting oil and gas conservation and the safe operation of drilling and production facilities.

THE MINING TAX ACT, 1972, imposes a real property tax on mines. For the purpose of levying such tax the mine is assessed on the output of the mine at the pit's mouth determined in accordance with the provisions of the Act.

THE INDUSTRIAL AND MINING LANDS COMPENSATION ACT provides for agreements between the owner or operator of a mine and the owner or lessee of any land for payment of compensation for any damage or injury resulting or likely to result to the land or to its use and enjoyment from the operation of the mine.

THE GAS AND OIL LEASES ACT sets out the procedure whereby a lessor under a gas or oil lease may, upon default by the lessee under the terms of the lease, obtain an order declaring the lease void.

FIELD SERVICES DIVISION

THE FOREST FIRES PREVENTION ACT applies to the 20 fire regions set up by regulation. The fire season, from April 1st to October 31st, may be extended by regulation. Fire permits are required during the fire season (to start fires in a fire region) except for fires set out for cooking or warmth, and to ignite fireworks in or within 1000 feet of a forest or woodland. Work permits are required at any time of the year for carrying on logging, mining, and industrial operation, clearing, etc. in or within 1000 feet of a forest or woodland. Areas may be established as restricted fire zones in which fires will be restricted to portable stoves and barbecues or as restricted travel zones in which a permit will be required except on public roads, cities, towns, villages, police villages, supervised camping grounds and waters adjacent thereto or emergency areas in which the Minister may make orders for the safety and evacuation of persons. The Minister may enter into agreements with Canada, any province, any federal or provincial agency and municipality respecting the prevention and control of forest fires. The regulations establish fire precautions.

THE FOREST TREE PEST CONTROL ACT provides for the control of outbreaks of forest tree insects and diseases on private lands.

THE LAKES AND RIVERS IMPROVEMENT ACT deals with: the construction, repair and use

of dams; timber driving; and timber slide companies and tolls. The Minister is charged with the responsibility of settling disputes between conflicting users under certain circumstances. An officer may be appointed to regulate the use of waters or works.

CONSERVATION AUTHORITIES BRANCH

THE CONSERVATION AUTHORITIES ACT provides for the establishment of conservation authorities for the purpose of establishing and undertaking in the area over which they are given jurisdiction, a program designed to further the conservation, restoration, development and management of natural resources other than gas, oil, coal and minerals.

GENERAL

THE MINISTRY OF NATURAL RESOURCES ACT, 1972, established as of April 1, 1972, the new Ministry of Natural Resources which included the former Department of Lands and Forests and Department of Mines and Northern Affairs and repealed the provisions of a number of Acts on which the departments previously depended for administrative authority. Effective November 1, 1973, the Act provides for the appointment of a Mining and Lands Commissioner.

THE ST. CLAIR PARKWAY COMMISSION ACT, 1966, established the St. Clair Parkway Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands acquired by, vested in or placed under the control of the Commission in the Counties of Kent and Lambton and in the Cities of Chatham and Sarnia.

THE ST. LAWRENCE PARKS COMMISSION ACT continues the St. Lawrence Parks Commission as a corporation without share capital for the purpose of developing, controlling, managing, operating and maintaining lands vested in or placed under the control of the Commission in the Counties of Glengarry, Stormont, Dundas, Grenville, Frontenac, Lennox and Addington, and Leeds.

THE NIAGARA PARKS ACT continues the Niagara Parks Commission as a corporation for the purpose of managing, controlling and developing those parks or other lands vested in or placed under the control of the Commission.

THE LAKE OF THE WOODS CONTROL BOARD ACT, 1922, is complementary to a Federal Act of 1921. It deals with the regulation of the water levels of the Winnipeg River, the English River, Lac Seul and Lake St. Joseph. The Board was created following a report in 1917 by the International Joint Commission which was established under a treaty made in 1909 between United States and Great Britain. The membership of the Board consists of a Federal representative and one from Manitoba and two from Ontario. One Ontario member is appointed by the H.E.P.C. The other is S.B. Panting, Director Engineering Services Branch, Ministry of Natural Resources, with R.M. Odell as alternate member.

The Board has the duty to secure severally and at all times the most dependable flow and the most advantageous and beneficial use of the Winnipeg and English Rivers and, for that purpose, to regulate the overflow of: —

(a) Lake of the Woods, to levels recommended by the International Joint Commission as agreed by Canada and the United States;

(b) Lac Seul, to levels recommended by the Board and approved by the Lieutenant-Governors in Council of Ontario and Manitoba and to regulate the flow into Lac Seul through the Lake St. Joseph diversion.

(c) Winnipeg River, between its junction with the English River and Lake of the Woods, and the English River between its junction with the Winnipeg River and Lac Seul; and

(d) Other waters of the watershed of the Winnipeg River as are placed under its jurisdiction by the Governor-General in Council and the Lieutenant-Governors in Council of Ontario and Manitoba.

THE LAC SEUL CONSERVATION ACT, 1928, provides for the execution of an agreement between the Minister of Lands and Forests and the Government of Canada regarding the construction of a conservation dam at the outlet of Lac Seul.

THE OTTAWA RIVER WATER POWERS ACT, 1943, ratifies and confirms an agreement between the Province of Ontario, the Province of Quebec, the Hydro-Electric Power Commission of Ontario and the Quebec Streams Commission respecting the development of water power on the Ottawa River.

THE SEINE RIVER DIVERSION ACT, 1952, confirms the partial diversion of the Seine River

and authorizes the completion and operation of the diversion by Steep Rock Iron Mines Limited.

THE NATIONAL RADIO OBSERVATORY ACT, 1962-3, provides for the transfer of administration and control of certain public lands in the Township of White, District of Nipissing to Canada for the maintenance and operation of a national radio observatory.

THE GANANOQUE LANDS ACT, 1961-2, vests certain lands in the Town of Gananoque in the Crown and authorizes the sale of encroachments to adjoining owners for a fee of \$50.00 and the granting of the balance of the land.

THE ALGONQUIN PROVINCIAL PARK EXTENSION ACT, 1960-1, adds the public lands in the Geographic Townships of Bruton and Clyde in the Provisional County of Haliburton to the park, subject to hunting.

THE MINERAL EMBLEM ACT, 1975, adopts the amethyst as the mineral emblem of the Province of Ontario.

POLICY CO-ORDINATION SECRETARIAT

Room W-6508, Main Office. Telephone (416) 965-8422.

Director	Miss M. Mogford	W-6508 8422
Secretary	Miss A. Amerson	W-6508 8422
Outdoor Recreation Policy Officer	D.W. Simkin	W-6508 6712
Resource Products Policy Officer	L. Lamothe	W-6508 6371
Land and Waters Policy Officer	L. Douglas	W-6508 6371
Special Projects Officers	G. Robinson	W-6508 6371
	J. Kearns	W-6508 6712

NORTHWESTERN REGION

G.A. McCormack ...	Regional Director	Box 5160, 808 Robertson St. Kenora,
R.A. Riley	Deputy Reg Director	Ont P9N 3X9 Phone (807) 468-3111
G.N. McGeachy	Admin Coord	
K.J. Chambers	Biologist	G. Brown
R.V. Brady	Fire Mgt Officer	G.G. Pyzer
R.C. Beard	Geologist	R. Balkwill
L. Koskitalo	Geologist, Red Lake	G. Fenelon
P. Palonen	Geologist, Sioux Lookout	W. Buchan

Dryden Service Centre, S.O. Russell, Box 850, Dryden	Phone (807) 937-4489
Dryden Forest Station, T.R. Myland, Box 90, Wabigoon	Phone (807) 938-6326

KENORA DISTRICT

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D.B. McGregor	District Manager
L. Bent	Administration
D. Philippi	Field Services
G.K. Winterton	Fish & Wildlife
W.H. Mills	Forests
T.J. Lunny	Lands
R.W. Paterick	Parks

FORT FRANCES DISTRICT

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B.Y. Katerick	Administration
S.E. Cameron ...	Field Services
E.J. Swift	Fish & Wildlife
W.D. McJannet .	Forests
C.E. Horne	Lands
E.J. Swift	Parks

SIOUX LOOKOUT DISTRICT

Box 309, Sioux Lookout
 Ont P0V 2T0 Phone (807) 737-1140

C.E. Perrie	District Manager
W.L. Bertrand	Administration
H.D. Morrison	Field Services
A.A. Martin	Fish & Wildlife
J.M. McIntyre	Forests
F.E. Brown	Lands & Parks

DRYDEN DISTRICT

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P. Endress	District Manager
J. Hamilton	Administration
A. MacDonald ...	Field Services
J. Williamson	Fish & Wildlife
A. Van Fraassen	Forests
D. Lindstrom	Lands & Parks

RED LAKE DISTRICT

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E.W. Everley	District Manager
G.C. Carlson	Administration
P.D. Drysdale	Fish, Wildlife, Parks
G. Schultz	Forests
T. Campbell	Field Services,
E.R. Keast	Lands

IGNACE DISTRICT

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T.E. Dodds	District Manager
W.A. Brunton ...	Administration
P.R. Croskery ...	Fish & Wildlife
A.P. Matiece	Forests, Parks
J.D. Bond	Field Services,
P.J. Pincombe ..	Lands

NORTH CENTRAL REGION

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C.A. Elsey	Biologist	1231
H. Redding	Fire Mgt Officer	1241
J.F. Flowers	Forester	1251
D.A. Fawcett	Parks & Rec Coord	1281
	R.B. Adamson .	Engineer 1301
	R. Monzon	Lands Coord 1321
	K.G. Fenwick	Geologist 1331

Dorion Trout Rearing Station	Phone (807) 857-2322
Regional Fire Centre, R. Kincaid	Phone (807) 475-1405
Thunder Bay Forest Station, A. Wynia	Phone (807) 939-2465

THUNDER BAY DISTRICT

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L.O. Keller	Administration
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R.T. Thomson	Fish & Wildlife
R.G. Klein	Forests
T. Leveque	Parks & Rec
J.W. Suttie	Lands

GERALDTON DISTRICT

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E.H. Stone	Fish & Wildlife
D. Jovic	Forests
A. Hoshino	Lands & Parks

ATIKOKAN DISTRICT

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A.G. Dougall	Forests
D.H. Elder	Lands & Parks

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L. Townes	Fish & Wildlife
G. Marek	Forests
G.T. Bean	Lands & Parks

WHITE RIVER DISTRICT

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D. O'Grady	District Manager
D. Futhey	Administration
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R. Jerrard	Fish & Wildlife
D.E. Fry	Forests
G.H. Tabobundune	Lands & Parks

TERRACE BAY DISTRICT

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J.A. Chappel	Fish & Wildlife
R.D. Fry	Forests
T.B. Scott	Lands & Parks
Manitouwadge Work Centre	
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R.J. Fillmore	Fire Control

NORTHERN REGION

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 E. Markus Deputy Reg Director
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 J. Starr Forests
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KAPUSKASING DISTRICT

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 Field Services
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 J.T. Rudolph Forests
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 O.E. Crawford Administration
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 G.L. Penny Fish & Wildlife
 K.E. Cleary Forests
 W.E. MacPhail Lands
 G.W. Dingee Parks

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 J.S. Purves Administration
 W.G. Taylor Field Services
 J.F. Gardner Fish & Wildlife
 B.I. Thompson .. Forests
 J.A. Colquhoun . Lands
 W.B. Hill Parks

GOGAMA DISTRICT

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 V. Mathieu Administration
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 C. Jessop Fish & Wildlife
 G.C. Oldford Forests
 D. Stewart Lands & Parks

TIMMINS DISTRICT

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 D. Shewen Field Services
 W.A. Sinclair Fish & Wildlife
 D. Jefferson Forests
 C. Biggar Lands & Parks

HEARST DISTRICT

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 L.G. Woods Field Services
 S. St. Jules Fish & Wildlife
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MOOSONEE DISTRICT

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 F. Buchan Administration
 G.F. McAuley Field Services, Lands.
 Forests, Parks
 R.J. Landry Resource Development
 J.P. Prevett Biologist

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W.J. Straight	Biologist	R.M. Christie Deputy Reg Director
A.W. McClellan	Cons Auth Prg-Supr	174 Douglas St West, Sudbury,
H. Kresin	Engineer	Ont P3E 1G1 Phone (705) 673-1111
Dr. P.E. Giblin	Reg Geologist (942-1414)	J.L. Canfield Fire Mgt Officer
E.E. Multamaki	Lands Co-ord	W.C. Stevens ... Forester
J.H. Lever	Parks & Rec Coord	R.M. Charnesky Mining Recorder
D. Jodouin	Mining Recorder 254-6884	

Tarentorus Trout Rearing Station, D.V. Storms (S.S. Marie)	Phone (705) 253-8953
North Bay Trout Rearing Station, B.A. Marchant (North Bay)	Phone (705) 663-2311
Standfield Fish Hatchery, G. Clarke (Espanola)	Phone (705) 22-R-211

SAULT STE MARIE DISTRICT

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H.J. Smith	Administration
C.E. Tregonning	Field Services
E.F. Mantle	Fish & Wildlife
F. Janser	Forests
I.J. Valentine	Lands
L.R. Davey	Parks

SUDBURY DISTRICT

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M.H. Jackson	Administration
W. Wetow	Field Services
J.M. Sheppard ..	Fish & Wildlife
D.R. Potvin	Forests
M.A. Groneng ...	Lands
K.H. Moore	Parks

NORTH BAY DISTRICT

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G.E. Lacelle	Administration
H.N. Whalen	Field Services
M.R. Wolfe	Fish & Wildlife
D.E. Honeyborne ...	Forests
R.V. Coulombe	Lands
H.J. Edmundson ...	Parks

BLIND RIVER DISTRICT

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D. Hagar	District Manager
F. McWhinnie ...	Administration
W.J. Davis	Field Services
S. Woodside	Fish & Wildlife
C.F. Husk	Forests
R. Wood	Lands
G.W. Connell	Parks

WAWA DISTRICT

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Mrs. J.M. Kern	Administration
A.J. Bull	Field Serv & Parks
H.A. Orr	Fish & Wildlife
C.K. Sumi	Forests
E.V. Uhler	Lands

ESPANOLA DISTRICT

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Ont P0P 1C0 Phone (705) 869-1330

E.N. Arbuckle ...	District Manager
F.J. Valiquette ..	Administration
J.P. King	Field Serv & Parks
D.R. Hughson ...	Fish & Wildlife
J.C. Christian	Forests
M. Smith	Lands

TEMAGAMI DISTRICT

Box 38, Temagami,
Ont P0H 2H0 Phone (705) 569-3622

J.E. Rumney	District Manager
W.W. Hicks	Administration

H.G. Smith	Field Services
W.P. Brook	Forests
R.B. Sinclair	Lands & Parks
J.K. Young	Fish & Wildlife

ALGONQUIN REGION

J.S. Ball Regional Director
 A.E. Walroth Deputy Reg Director
 Deputy Reg Director
 J. Carswell Admin Coord
 C.W. Douglas Biologist
 A.P. Stephen Engineer
 B. Petman Fire Mgt Officer

Box 9000, Brendale Square, Huntsville
 Ont P0A 1K0 Phone (705) 789-9611

H.J. Henry Forester
 J.R. Trusler Geologist
 J.K. Barker Lands Co-ord
 J.A. van der Meer Parks & Rec Co-ord

The Leslie M. Frost Natural Resources Centre, G.A. Hamilton Phone (705) 766-2451
 Pembroke Trout Rearing Station, A.G. Moore Phone (613) 687-5935
 Skeleton Lake Fish Hatchery, M.E. Beathune Phone (705) 769-3731

PARRY SOUND DISTRICT

4 Miller Street, Parry Sound,
 Ont P2A 1S8 Phone (705) 746-2141

W.R. Peck District Manager
 G.F. Walter Administration
 C.R. Mumford Field Services 5825
 J.A. Macfie Fish & Wildlife
 G.C. Felton Forests
 J.A. Shalla Parks
 L.A. Connelly Lands

ALGONQUIN PARK DISTRICT

Box 219, Whitney,
 Ont K0J 2M0 Phone (705) 637-2780

J.A. Simpson Park Supt, District Man.
 J.E. Growse Administration
 H.J. Rietveld Fish & Wildlife
 D.F. George Forests
 J.E. Elliott Lands
 J.T. Griffin Alg Park Operations
 B.A. Norris Field Services

BRACEBRIDGE DISTRICT

Box 1138, Bracebridge,
 Ont P0B 1C0 Phone (705) 645-5244

R.W. Tippet District Manager
 J.A. Baird Administration
 J.T. Matthews Field Services
 D.M. Brooks Fish & Wildlife
 R.W. Taylor Forests
 J.A. Bryant Lands
 R.G. Ellis Parks

BANCROFT DISTRICT

Box 500, Bancroft,
 Ont K0L 1C0 Phone (613) 332-3940

O. Goodman District Manager
 H.E. Vance Administration
 M.F. Rush Field Services
 B. Collins Fish & Wildlife
 F.J. Walker Forests
 D.W. McLennan Parks
 O. Fleming Lands

PEMBROKE DISTRICT

Box 220, Riverside Drive, Pembroke
 Ont K8A 6X4 Phone (613) 732-3661

L.L. Bronson District Manager
 A.H. Plummer ... Administration
 C.R. Buske Field Services
 A.E. Armstrong . Fish & Wildlife
 W.W. Wahl Forests
 E.N. McKenzie .. Lands & Parks

MINDEN DISTRICT

Minden,
 Ont K0M 2K0 Phone (705) 286-1521

D.D. White District Manager
 R.E. Raby Administration
 G.M. Samells Field Services
 S.J. Toole Fish & Wildlife
 B.G. Cross Forests
 J.E. Dewey Lands & Parks

EASTERN REGION

T.W. Hueston	Regional Director	Provincial Government Building,
D.E. Gage	Deputy Reg Director	Concession Road, Kemptville
S.R. Hamilton	Deputy Reg Director	Ont K0G 1J0 Phone (613) 258-3413
A.R. Taylor	Admin Coord	
G.R. Whitney	Biologist	W.G. Maslen Lands Co-ord
D.J. Murray	Cons Auth Prg-Supr	J.G. Bell Parks & Rec Co-ord
J.R. Stork	Engineer	Dr. M.A. Klug-
P.E. Anslow	Forester	man Mines Co-ord
		J.W. Lloyd Field Services Co-ord

Codrington Fish Hatchery, A.H. Draves	Phone (613) 475-2512
White Lake Fish Hatchery, K. Steele	Phone (613) 335-2115
Westport Fish Hatchery, J.D. McNee	Phone (613) 273-2106
G. Howard Ferguson Forest Station, A.J. Campbell	Phone (613) 258-3413

TWEED DISTRICT

Metcalfe Street, Tweed,
Ont K0K 3J0 Phone (613) 478-2330

W. Vonk	District Manager
G.J. O'Hearn	Administration
W.F. Caverly	Field Serv & Lands
D.G. Atkinson	Fish & Wildlife
W.M. Fasken	Forests
W.J. Miller	Parks

LANARK DISTRICT

Box 239, Lanark,
Ont K0G 1K0 Phone (613) 259-2406

J.R. Bailey	District Manager
G.N. Hill	Administration
H.K. von Rosen	Fish & Wildlife
E.L. Borczon	Forests
D.G. Kennedy	Field Services, Lands
K.J. Schonauer	Parks

OTTAWA DISTRICT

Ramsayville
Ont K0A 2Y0 Phone (613) 822-2525

W.D. Adlam	District Manager
R.G. McCue	Administration
G.M. Tupling	Fish & Wildlife
M. Schaefer	Forests
L.J. Munro	Field Services, Lands
G.A. Gowdy	Parks

NAPANEE DISTRICT

Postal Bag 3040, Napanee
Ont K7R 3M8 Phone (613) 354-2173

R.G. Bailey	District Manager
R.A. Armstrong .	Administration
W.A. Perrin	Forests, Field Services
R.G. Baldwin	Fish & Wildlife
P.O. Shintani	Lands
J.C. Matheson ..	Parks

BROCKVILLE DISTRICT

101 Water St. West, Brockville
Ont K6V 5Y8 Phone (613) 342-8524

R.H. Trotter	District Manager
D.G. Gilmer	Administration
G.E. Raine	Fish & Wildlife
H.H. de Vries	Forests
R.A. Lessard	Field Services
	& Lands & Parks

CORNWALL DISTRICT

Box 1749, 40 Fifth St West, Cornwall,
Ont K6H 5V7 Phone (613) 933-1774

J.R. Morin	District Manager
W.J. Humphrys .	Administration
W.R. Lannin	Fish & Wildlife
B.W. Warwick ...	Forests
R.J. Cleroux	Field Services, Parks
R.A. Pleau	Lands

CENTRAL REGION

R.M. Dixon	Regional Director	295	10,670 Yonge Street, Richmond Hill,		
A.D. Latornell	Dep Reg Director	297	Ont L4C 3C9 Phone (416) 884-9203		
G.P. Elliott	Dep Reg Director	290			
H. Tjoelker	Admin Coord	208	L.G.D. Thompson		
			Mines Co-ord	232	
J.B. Dawson	Biologist	282	M.G. Lewis	Service Engineer	216
	Cons Auth Co-ord ..	206	H.J. Featherston	Parks-Rec Co-ord	299
R.N. Staley	Forester	289	J.F. Gosnell	Lands Co-ord	234

Midhurst Forest Station, Midhurst, C.R. Groves	Phone (705) 728-6599
Orono Forest Station, Orono, W.R. Bunting	Phone (416) 983-9147
Ontario Tree Seed Plant, Angus, R.B. Latimer	Phone (705) 424-5311
Deer Lake Fish Hatchery, R.R. 1, Havelock, G. Cation	Phone (705) 778-3391

MAPLE DISTRICT

Maple, Ont L0J 1E0	Phone (416) 832-2261	
I.B. Earl	District Manager	203
W.B. Pottelberg	Administration	300
D.M. Hogg	Fish & Wildlife	211
C.D. Simpson	Lands	208
H. Pronk	Parks	240
Si Dae Kim	Forests, Fld Serv. ...	224
R.N. Kervin	Mineral Resources ..	210

HURONIA DISTRICT

Midhurst,	
Ont L0L 1X0	Phone (705) 728-2900
D.W. Schafer	District Manager
W.B. Bowles	Administration
L.W. O'Dell	Field Services
A.J. Stewart	Fish & Wildlife
M.R. Innes	Forests
D.R. MacArthur	Lands
L.L. Powell	Parks

NIAGARA DISTRICT

Box 1070, Highway No. 20, Fonthill,	
Ont L0S 1E0	Phone (416) 892-2656
J.E. Dickenson	District Manager
Mrs. J.T. Mace	Administration
E.A. Kraker	Forests, Fld Serv
R.D. Townsend	Fish & Wildlife & Parks
L.C. Selby	Lands
D.A. Routly	Mineral Resources

LINDSAY DISTRICT

322 Kent St West, Lindsay,	
Ont K9V 2Z9	Phone (705) 324-6121
C.R. Gray	District Manager
A.V. Kaufman ..	Administration
R.W. Beecher ..	Fish & Wildlife
R.A. Lockhart ...	Forests, Fld Serv
M.L. Dick	Lands, Mineral Res.
W.P. Barber	Parks

CAMBRIDGE DISTRICT

Beaverdale Road, Cambridge	
Ont N3C 2V3	Phone (519) 658-9355
W.R. Catton	District Manager
B.J. DeGunst	Administration
J.R. Winters	Lands Coord
H.D. Howell	Fish & Wildlife
R.C.A. Gilbert ...	Forests, Field Serv
K.E. Green	Parks
W.D. Scott	Mineral Resources

SOUTHWESTERN REGION

N.D. Patrick	Regional Director	1106 Dearness Drive, London,
J.M. Halpenny	Deputy Reg Director	Ont N6E 1N9 Phone (519) 681-5350
A.S. Holder	Deputy Reg Director	
V.H. Crocker	Admin Coord	
T.J. Millard	Biologist	B.G. Bryant
.....	Cons Auth Prg-Supr	H.R. Davis
P.H. Crook	Engineer	J.A. Fingland
E.P. Johnston	Forester	A.M. Harjula
		Geologist
		Mines Co-ord
		Lands Co-ord
		Parks & Rec Co-ord

Chatsworth Trout Rearing Station, P.H. Hartman	Phone (519) 794-2340
Warton Fish Hatchery, C. Core	Phone (519) 534-0770
Normandale Trout Rearing Station, W.A. Hooper	Phone (519) 426-3142
St. Williams Forest Station, R.E. Laupert	Phone (519) 586-3576
Petroleum Resources Lab, London, R.B. Hutt	Phone (519) 433-8431

CHATHAM DISTRICT

Box 1168, 435 Grand Ave West, Chatham,
Ont N7M 5L8 Phone (519) 354-7340

D.R. Fortner	District Manager
H. Lehmann	Administration
.....	Fish & Wildlife
K. Yaraskavitch	Forests
P.A. Strassburger ..	Parks
H.W. Rowe	Lands

SIMCOE DISTRICT

645 Norfolk Street North, Simcoe
Ont N3Y 3R2 Phone (519) 426-7650

R.B. McGee	District Manager
G.N. Sanderson	Administration
H.J. Manson	Fish & Wildlife
D.A. Scott	Forests
T.L. Beck	Parks & Rec
W.L. Edwards ...	Lands

OWEN SOUND DISTRICT

611 Ninth Ave East, Owen Sound,
Ont N4K 3E4 Phone (519) 376-3860

W.J. Lovering	District Manager
M. Gobeil	Administration
S.A. Munroe	Fish & Wildlife
V.W. Fisk	Forests
R.J. Manley	Lands
P.H. Baxter	Parks
E.G. Walker	Field Services

WINGHAM DISTRICT

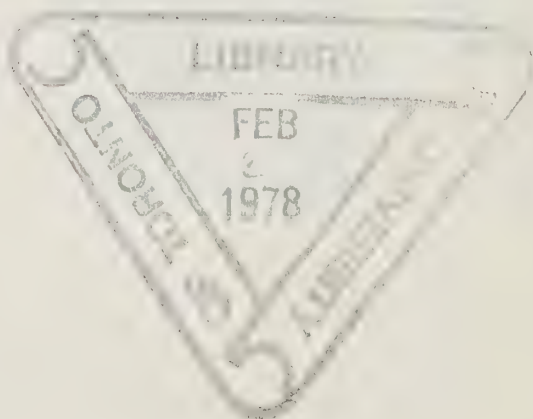
R.R. 5, Wingham
Ont N0G 2W0 Phone (519) 357-3131

W.D. Mansell	District Manager
B.G. Griffin	Administration
H.W. Clark	Fish, Wildlife, Parks
R.H. Jones	Biologist
H.R. Hancaster .	
M.L. Smith	Forests
.....	Lands, Field Services

AYLMER DISTRICT

353 Talbot Street West, Aylmer
Ont N5H 2S8 Phone (519) 773-9241

P.R. Davidson	District Manager
D.N. Stephens	Administration
G.R. Austin	Fish & Wildlife
J.D. Nolan	Forests, Field Serv.
D.G. Ward	Lands, Parks





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